



# VSIG1 Monoclonal Antibody

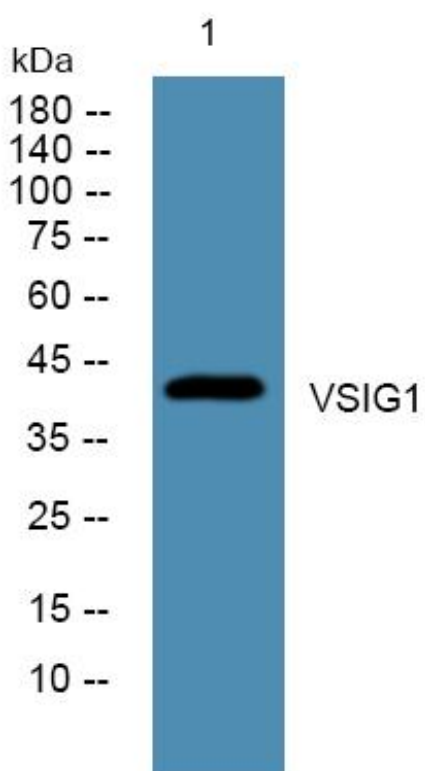
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>         | YP-mAb-07179                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Reactivity</b>         | Human;Rat;Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Applications</b>       | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Gene Name</b>          | VSIG1 GPA34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Protein Name</b>       | V-set and immunoglobulin domain-containing protein 1 (Cell surface A33 antigen) (Glycoprotein A34)                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Immunogen</b>          | Synthesized peptide derived from human protein . at AA range: 1-80                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Specificity</b>        | VSIG1 Monoclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>             | Monoclonal, Mouse,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Purification</b>       | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Dilution</b>           | WB 1:500-1:2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Concentration</b>      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Purity</b>             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage Stability</b>  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Synonyms</b>           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Observed Band</b>      | 42kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Cell Pathway</b>       | Membrane ; Single-pass type I membrane protein .                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Tissue Specificity</b> | Detected only in stomach mucosa and testis, and to a much lesser level in pancreas (at protein level). Detected in gastric cancers (31%), esophageal carcinomas (50%) and ovarian cancers (23%).                                                                                                                                                                                                                                                                                                                     |
| <b>Function</b>           | PTM:Highly N-glycosylated. Appears not to contain significant amounts of O-linked carbohydrates or sialic acid in its sugar moieties.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,tissue specificity:Detected only in stomach mucosa and testis, and to a much lesser lever in pancreas (at protein level). Detected in gastric cancers (31%), esophageal carcinomas (50%) and ovarian cancers (23%).,                    |
| <b>Background</b>         | This gene encodes a member of the junctional adhesion molecule (JAM) family. The encoded protein contains multiple glycosylation sites at the N-terminal region, and multiple phosphorylation sites and glutamic acid/proline (EP) repeats at the C-terminal region. The gene is expressed in normal stomach and testis, as well as in gastric, esophageal and ovarian cancers. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2009], |

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Western Blot analysis of various cells using VSIG1 Monoclonal Antibody