



# Collagen alpha-1(XXVIII)Monoclonal Antibody

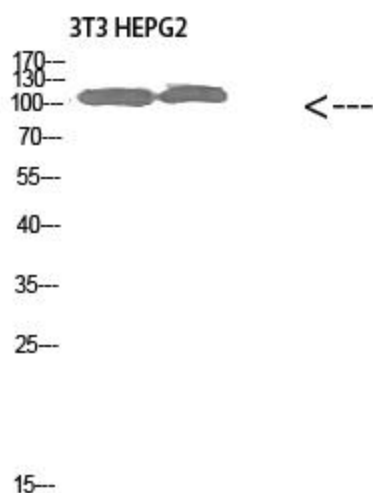
|                                    |                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-mAb-10601                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Gene Name</b>                   | COL28A1                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Immunogen</b>                   | The antiserum was produced against synthesized peptide derived from the N-terminal region of human COL28A1. AA range:111-160                                                                                                                                                                                                                                                           |
| <b>Specificity</b>                 | Collagen alpha-1(XXVIII)Monoclonal Antibody detects endogenous levels of Collagen alpha-1(XXVIII)Monoclonal Antibody                                                                                                                                                                                                                                                                   |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA 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>                    | COL28A1;Collagen alpha-1(XXVIII) chain;Collagen alpha 1(XXVIII) chain; COL28;Collagen XXVIII;Collagen alpha-1(XXVIII)Polyclonal Antibody;Collagen alpha-1(XXVIII)Monoclonal Antibody                                                                                                                                                                                                   |
| <b>Observed Band</b>               | 116kD                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Calculated Molecular Weight</b> | 116kD                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Cell Pathway</b>                | Secreted, extracellular space, extracellular matrix, basement membrane .                                                                                                                                                                                                                                                                                                               |
| <b>Tissue Specificity</b>          | Endometrial adenocarcinoma,Germ cell,Lung,                                                                                                                                                                                                                                                                                                                                             |
| <b>Function</b>                    | function:May act as a cell-binding protein.,similarity:Belongs to the VWA-containing collagen family.,similarity:Contains 1 BPTI/Kunitz inhibitor domain.,similarity:Contains 2 VWFA domains.,similarity:Contains 6 collagen-like domains.,subunit:Trimer or homomer. Secreted into as a 135 kDa monomer under reducing conditions and as a homotrimer under non-reducing conditions., |
| <b>Background</b>                  | COL28A1 belongs to a class of collagens containing von Willebrand factor (VWF; MIM 613160) type A (VWFA) domains (Veit et al., 2006 [PubMed 16330543]) .[supplied by OMIM, Nov 2010],                                                                                                                                                                                                  |

**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 Collagen alpha-1(XXVIII) Monoclonal Antibody