



# CD223 Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                     |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-14036                                                                                                                                                                                                                                                                                         |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                 |
| <b>Reactivity</b>                  | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                    |
| <b>Applications</b>                | WB;ELISA                                                                                                                                                                                                                                                                                            |
| <b>Gene Name</b>                   | LAG3                                                                                                                                                                                                                                                                                                |
| <b>Immunogen</b>                   | The antiserum was produced against synthesized peptide derived from the Internal region of human LAG3. AA range:91-140                                                                                                                                                                              |
| <b>Specificity</b>                 | CD223 Polyclonal Antibody detects endogenous levels of CD223 protein.                                                                                                                                                                                                                               |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                             |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                              |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                               |
| <b>Dilution</b>                    | Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.                                                                                                                                                                                                                 |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                        |
| <b>Synonyms</b>                    | CD223;LAG3;FDC;LAG 3;LAG-3;Lymphocyte activation gene 3 protein;Protein FDC                                                                                                                                                                                                                         |
| <b>Observed Band</b>               | 57kD                                                                                                                                                                                                                                                                                                |
| <b>Calculated Molecular Weight</b> | 57kD                                                                                                                                                                                                                                                                                                |
| <b>Cell Pathway</b>                | [Lymphocyte activation gene 3 protein]: Cell membrane ; Single-pass type I membrane protein .; [Secreted lymphocyte activation gene 3 protein]: Secreted . Produced following cleavage of the main chain. .                                                                                         |
| <b>Tissue Specificity</b>          | Primarily expressed in activated T-cells and a subset of natural killer (NK) cells.                                                                                                                                                                                                                 |
| <b>Function</b>                    | function:Involved in lymphocyte activation. Binds to HLA class-II antigens., similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain., similarity:Contains 3 Ig-like C2-type (immunoglobulin-like) domains.,tissue specificity:On cell surface of activated NK and T-lymphocytes.,        |
| <b>Background</b>                  | Lymphocyte-activation protein 3 belongs to Ig superfamily and contains 4 extracellular Ig-like domains. The LAG3 gene contains 8 exons. The sequence data, exon/intron organization, and chromosomal localization all indicate a close relationship of LAG3 to CD4. [provided by RefSeq, Jul 2008], |

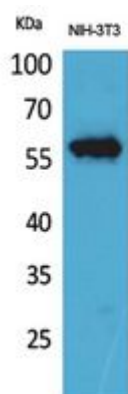
**matters needing attention**

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 NIH-3T3 cells using CD223 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000