



# CD300c Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                    |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-14069                                                                                                                                                                                                                                                        |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                |
| <b>Reactivity</b>                  | Human;Rat;Mouse;                                                                                                                                                                                                                                                   |
| <b>Applications</b>                | WB;ELISA                                                                                                                                                                                                                                                           |
| <b>Gene Name</b>                   | CD300C                                                                                                                                                                                                                                                             |
| <b>Immunogen</b>                   | The antiserum was produced against synthesized peptide derived from the Internal region of human CD300C. AA range:131-180                                                                                                                                          |
| <b>Specificity</b>                 | CD300c Polyclonal Antibody detects endogenous levels of CD300c 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: 1/10000. 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>                    | CMRF35;CMRF 35A;CMRF 35;CLM 6;CD3c molecule;CD300c;CMRF35-like molecule 6;CMRF35A;CMRF35A1;IGSF 16;CLM-6;CD300 antigen-like family member C;CMRF35-A1;CMRF-35;Immunoglobulin superfamily member 16                                                                 |
| <b>Observed Band</b>               | 37kD                                                                                                                                                                                                                                                               |
| <b>Calculated Molecular Weight</b> | 37kD                                                                                                                                                                                                                                                               |
| <b>Cell Pathway</b>                | Cell membrane ; Single-pass type I membrane protein .                                                                                                                                                                                                              |
| <b>Tissue Specificity</b>          | Present on the surface of monocytes, neutrophils, a proportion of peripheral blood T- and B-lymphocytes and lymphocytic cell lines.                                                                                                                                |
| <b>Function</b>                    | similarity:Belongs to the CD300 family.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,tissue specificity:Present on the surface of monocytes, neutrophils, a proportion of peripheral blood T- and B-lymphocytes and lymphocytic cell lines., |
| <b>Background</b>                  | CD300c molecule(CD300C) Homo sapiens The CMRF35 antigen, which was identified by reactivity with a monoclonal antibody, is present on monocytes, neutrophils, and some T and B lymphocytes (Jackson et al., 1992 [PubMed 1349532]).[supplied by OMIM, Mar 2008],   |



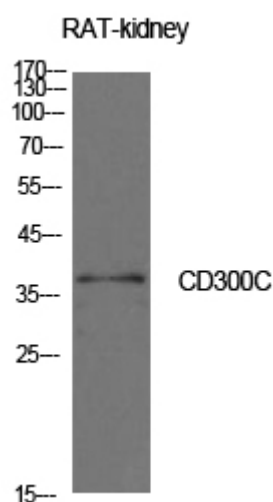
**matters needing attention**

Avoid repeated freezing and thawing!

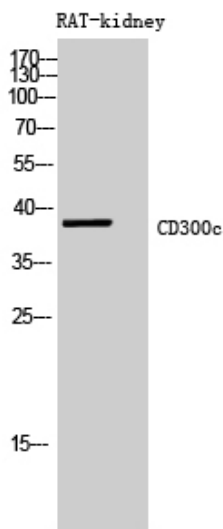
**Usage suggestions**

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

**Products Images**



Western Blot analysis of rat kidney cells using CD300c Polyclonal Antibody. Antibody was diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western Blot analysis of RAT-kidney cells using CD300c Polyclonal Antibody diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000