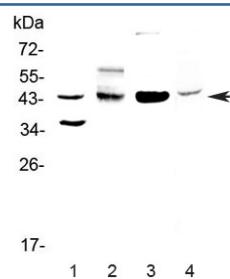


## CD200 Antibody (RQ4373)

| Catalog No. | Formulation   | Size   |
|-------------|---|--------|
| RQ4373      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

|                           |   |
|---------------------------|---|
| <b>Availability</b>       | 1-3 business days   |
| <b>Species Reactivity</b> | Human, Mouse, Rat   |
| <b>Format</b>             | Antigen affinity purified   |
| <b>Host</b>               | Rabbit  |
| <b>Clonality</b>          | Polyclonal (rabbit origin)  |
| <b>Isotype</b>            | Rabbit IgG  |
| <b>Purity</b>             | Antigen affinity purified   |
| <b>Buffer</b>             | Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide |
| <b>UniProt</b>            | P41217  |
| <b>Localization</b>       | Cell membrane   |
| <b>Applications</b>       | Western Blot : 0.5-1ug/ml<br>Direct ELISA : 0.1-0.5ug/ml          |
| <b>Limitations</b>        | This CD200 antibody is available for research use only.           |



Western blot testing of 1) human HeLa and 2) rat brain, 3) mouse brain and 4) mouse SP20 lysate with CD200 antibody at 0.5ug/ml. Expected molecular weight: 31-43 kDa depending on glycosylation level.

## Description

OX-2 membrane glycoprotein, also named CD200 (Cluster of Differentiation 200) is a human protein encoded by the CD200 gene. The protein encoded by this gene is a type-1 membrane glycoprotein, which contains two immunoglobulin domains, and thus belongs to the immunoglobulin superfamily. Studies of the related genes in mouse and rat suggest that this gene may regulate myeloid cell activity and delivers an inhibitory signal for the macrophage lineage in diverse

tissues. Multiple alternatively spliced transcript variants that encode different isoforms have been found for this gene.

## Application Notes

Optimal dilution of the CD200 antibody should be determined by the researcher.

## Immunogen

A recombinant human protein corresponding to amino acids Q31-K231 was used as the immunogen for the CD200 antibody.

## Storage

After reconstitution, the CD200 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.