

CD22 Antibody [clone 5E7.] (RQ5551)

| Catalog No. | Formulation | Size |
|-------------|---|--------|
| RQ5551 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

Bulk quote request

| | |
|--------------------|---|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Antigen affinity purified |
| Host | Mouse |
| Clonality | Monoclonal (mouse origin) |
| Isotype | Mouse IgG2b |
| Clone Name | 5E7. |
| Purity | Affinity purified |
| Buffer | Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide |
| UniProt | P20273 |
| Applications | Western Blot : 0.5-1ug/ml |
| Limitations | This CD22 antibody is available for research use only. |



Western blot testing of human Raji cell lysate with CD22 antibody. Expected molecular weight: 76-150 kDa depending on glycosylation level.

Description

CD22 is a surface glycoprotein of B lymphocytes that is rapidly phosphorylated on cytoplasmic tyrosines after antigen receptor cross-linking. It is a negative regulator of antigen receptor signaling whose onset of expression at the mature B cell stage may serve to raise the antigen concentration threshold required for B cell triggering. The human CD22 gene is expressed specifically in B lymphocytes and likely has an important function in cell-cell interactions. The B cell coreceptor CD22 plays an important role in regulating signal transduction via the B cell Ag receptor. And CD22 is located within the

band region q13.1 of chromosome 19.

Application Notes

Optimal dilution of the CD22 antibody should be determined by the researcher.

Immunogen

Amino acids LAILILAICGLKLQRRWKRTQSQQQLQEN were used as the immunogen for the CD22 antibody.

Storage

After reconstitution, the CD22 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.