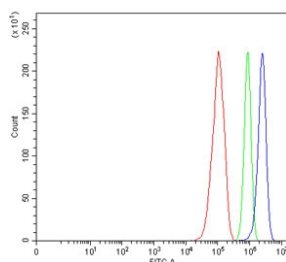


CD83 Antibody (RQ7310)

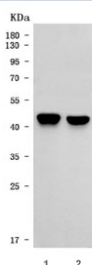
| Catalog No. | Formulation | Size |
|-------------|---|--------|
| RQ7310 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

Bulk quote request

| | |
|---------------------------|--|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Antigen affinity purified |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit IgG |
| Purity | Antigen affinity purified |
| Buffer | Lyophilized from 1X PBS with 2% Trehalose |
| UniProt | Q01151 |
| Applications | Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml |
| Limitations | This CD83 antibody is available for research use only. |



Flow cytometry testing of human RT4 cells with CD83 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= CD83 antibody.



Western blot testing of human 1) Daudi and 2) Jurkat cell lysate with CD83 antibody. Expected molecular weight: ~23-60 kDa depending on level of glycosylation.

Description

CD83 (Cluster of Differentiation 83) is a human protein encoded by the CD83 gene. The protein encoded by this gene is a single-pass type I membrane protein and member of the immunoglobulin superfamily of receptors. The encoded protein may be involved in the regulation of antigen presentation. A soluble form of this protein can bind to dendritic cells and inhibit their maturation. Three transcript variants encoding different isoforms have been found for this gene.

Application Notes

Optimal dilution of the CD83 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids T20-E144) was used as the immunogen for the CD83 antibody.

Storage

After reconstitution, the CD83 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.