

For Research Use Only

CD83 Recombinant antibody

Catalog Number: 84796-3-RR



Basic Information

| | | |
|--------------------------------------|---|---|
| Catalog Number: 84796-3-RR | GenBank Accession Number: NM_004233.4 | Purification Method: Protein A purification |
| Size: 1000 µg/ml | GeneID (NCBI): 9308 | CloneNo.: 241855G5 |
| Source: Rabbit | ENSEMBL Gene ID: ENSG00000112149 | Recommended Dilutions: WB 1:2000-1:10000 |
| Isotype: IgG | UNIPROT ID: Q01151 | |
| | Full Name: CD83 molecule | |
| | Calculated MW: 23 kDa | |
| | Observed MW: 40-45 kDa | |

Applications

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|--|---|
| Tested Applications: WB, ELISA | Positive Controls: WB : Raji cells, |
| Species Specificity: human | |

Background Information

CD83 is a member of the immunoglobulin (Ig) superfamily, consisting of an extracellular V-type Ig-like domain, a transmembrane domain, and a cytoplasmic tail. CD83 is one of the most prominent markers for fully matured dendritic cells (DCs) (PMID: 17334966). It is also found on the surface of other activated hematopoietic cells, including lymphocytes, monocytes, macrophages, and neutrophils (PMID: 31231400; 17334966). CD83 regulates the maturation, activation, and homeostasis of numerous immune cells (PMID: 31231400; 32362900). CD83 can also be expressed as a soluble form. Soluble CD83 can bind to DCs and inhibit their maturation (PMID: 17334966; 12403928).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

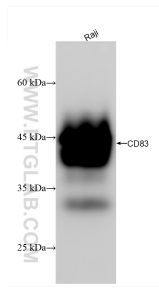
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84796-3-RR (CD83 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.