

Recombinant CD83 (Marker of Activated Dendritic Cells) Antibody

Rabbit Monoclonal Antibody [Clone CD83/13783R]

Catalog No	Format	Size
9308-RBM6-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
9308-RBM6-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
9308-RBM6-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	CD83/13783R
Immunogen	Cos cells transfected with HB15 cDNA.
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	23.04kDa
Cellular Localization	Membrane
Species Reactivity	Human
Positive Control	Expressed by activated lymphocytes, Langerhans cells and activatd dendritic cells

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant CD83 (Marker of Activated Dendritic Cells) Antibody

Specificity & Comments

Transmembrane glycoprotein predominantly found on the surface of many immune cells including dendritic cells or lymphocytes that plays various roles in immune response regulation. Plays an essential role in CD4(+) T-selection, differentiation and stability by regulating the activity of the major E3 ubiquitin ligase responsible for controlling MHCII trafficking MARCHF8. Also inhibits MARCHF1 association with MHCII or CD86 to prevent their ubiquitination and subsequent degradation (PubMed:21220452). In addition, acts as an important modulator of protective responses against acute infections (By similarity).

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.