

Anti-CD200R4 Antibody (5E815)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Mouse
Conjugation:	Unconjugated
Clone:	5E815
Purification:	Protein A

Applications

Application:	ELISA
Recommended	ELISA: 1:5000-1:10000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Mouse CD200R4 protein (TMPY-01348)
Antigen Species:	Mouse
Synonyms:	MCD200RLa;Cd200r4;CD200 receptor 4;F630107N04Rik

Research Background

Cell surface glycoprotein CD2 receptor 4, also known as Cell surface glycoprotein OX2 receptor 4, CD2 cell surface glycoprotein receptor-like 4, CD2RLa, and CD2R4, is a single-pass type I membrane protein which belongs to the CD2R family. CD2 (OX2) is a cell surface glycoprotein that interacts with a structurally related receptor (CD2R) expressed mainly on myeloid cells and is involved in regulation of macrophage and mast cell function. In mouse there are up to five genes related to CD2R with conflicting data as to whether they bind CD2. CD2R4 contains one Ig-like C2-type (immunoglobulin-like) domain and one Ig-like V-type (immunoglobulin-like) domain. CD2R4 is highly expressed in monocytes, NK cells and a subset of NKT cells. It is weakly expressed in granulocytes and B cells (at protein level). CD2R4 is also expressed in brain, lung, testis, thymus, intestine and uterus. and in bone marrow derived-macrophage and dendritic cells and mast cells. CD2R4 is involved in the recruitment or surface expression of the TYROBP receptor.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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