

CD85c Polyclonal Antibody

Catalog No :	YT0780
Reactivity :	Human
Applications :	IHC;IF;ELISA
Target :	CD85c
Fields :	>>Osteoclast differentiation;>>B cell receptor signaling pathway
Gene Name :	LILRB5
Protein Name :	Leukocyte immunoglobulin-like receptor subfamily B member 5
Human Gene Id :	10990
Human Swiss Prot No :	O75023
Immunogen :	Synthesized peptide derived from the Internal region of human CD85c.
Specificity :	CD85c Polyclonal Antibody detects endogenous levels of CD85c protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:100 - 1:300. ELISA: 1:40000. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	64kD

Background : This gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family, which is found in a gene cluster at chromosomal region 19q13.4. The encoded protein belongs to the subfamily B class of LIR receptors which contain two or four extracellular immunoglobulin domains, a transmembrane domain, and two to four cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). Several other LIR subfamily B receptors are expressed on immune cells where they bind to MHC class I molecules on antigen-presenting cells and inhibit stimulation of an immune response. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],

Function : domain:Contains 2 copies of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). This motif is involved in modulation of cellular responses. The phosphorylated ITIM motif can bind the SH2 domain of several SH2-containing phosphatases.,function:May act as receptor for class I MHC antigens.,similarity:Contains 4 Ig-like C2-type (immunoglobulin-like) domains.,tissue specificity:Detected in a natural killer (NK) cells.,

Subcellular Location : Membrane; Single-pass type I membrane protein.

Expression : Detected in a natural killer (NK) cells.

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