

## CD85c Polyclonal Antibody

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

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**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.,

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

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

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## Products Images