



CD85c Monoclonal Antibody

Catalog No	YP-mAb-14042
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	LILRB5
Immunogen	The antiserum was produced against synthesized peptide derived from the N-terminal region of human LILRB5. AA range:21-70
Specificity	CD85c Monoclonal Antibody detects endogenous levels of CD85c protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CD85C;LILRB5;LIR 8;LIR8;Leukocyte immunoglobulin-like receptor subfamily B member 5;CD85 antigen-like family member C;Leukocyte immunoglobulin-like receptor 8;LIR-8
Observed Band	65kD
Calculated Molecular Weight	65kD
Cell Pathway	Membrane; Single-pass type I membrane protein.
Tissue Specificity	Detected in a natural killer (NK) cells.
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.,



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],

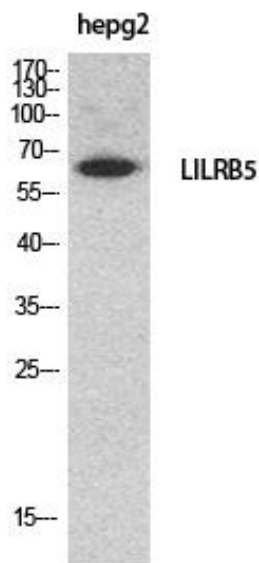
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using CD85c Monoclonal Antibody