



LIR-7 Monoclonal Antibody

Catalog No	YP-mAb-14030
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	LILRA2
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human LILRA2. AA range:121-170
Specificity	LIR-7 Monoclonal Antibody detects endogenous levels of LIR-7 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	LIR-7;LILRA2;Leukocyte immunoglobulin-like receptor subfamily A member 2; ILT1;LIR7;CD85 antigen-like family member H;Immunoglobulin-like transcript 1; ILT-1;Leukocyte immunoglobulin-like receptor 7;CD85h
Observed Band	53kD
Calculated Molecular Weight	53kD
Cell Pathway	Cell membrane ; Single-pass type I membrane protein .; [Isoform 4]: Secreted .
Tissue Specificity	Detected on the surface of all peripheral blood monocytes, neutrophils, basophils and eosinophils (at protein level) (PubMed:12529506, PubMed:22479404). Expression levels are very low or not detectable on monocytes, T-cells, B-cells, dendritic cells and natural killer (NK) cells (PubMed:9548455).
Function	function:May act as receptor for class I MHC antigens.,similarity:Contains 4 Ig-like C2-type (immunoglobulin-like) domains.,tissue specificity:Expression levels are very low or not detectable on monocytes, T-cells, B-cells, dendritic cells and natural killer (NK) cells.,



Background

This gene encodes a member of a family of immunoreceptors that are expressed predominantly on monocytes and B cells, and at lower levels on dendritic cells and natural killer cells. The encoded protein is an activating receptor that inhibits dendritic cell differentiation and antigen presentation and suppresses innate immune response. Alternatively spliced transcript variants encoding different isoforms have been found. This gene is located in a cluster of related genes on chromosome 19 and there is a pseudogene for this gene on chromosome 3. [provided by RefSeq, Mar 2014],

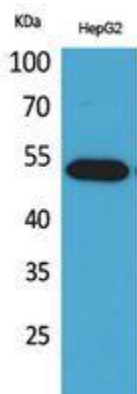
matters needing attention

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 LIR-7 Monoclonal Antibody