



# LIR-7 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-14030
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Gene Name</b>	LILRA2
<b>Protein Name</b>	Leukocyte immunoglobulin-like receptor subfamily A member 2
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human LILRA2. AA range:121-170
<b>Specificity</b>	LIR-7 Polyclonal Antibody detects endogenous levels of LIR-7 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>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000.. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	LILRA2; ILT1; LIR7; Leukocyte immunoglobulin-like receptor subfamily A member 2; CD85 antigen-like family member H; Immunoglobulin-like transcript 1; ILT-1; Leukocyte immunoglobulin-like receptor 7; LIR-7; CD85h
<b>Observed Band</b>	53kD
<b>Cell Pathway</b>	Cell membrane ; Single-pass type I membrane protein .; [Isoform 4]: Secreted .
<b>Tissue Specificity</b>	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).
<b>Function</b>	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.,
<b>Background</b>	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],

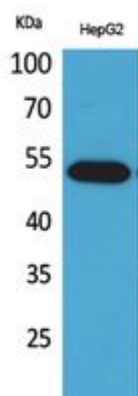
#### matters needing attention

Avoid repeated freezing and thawing!

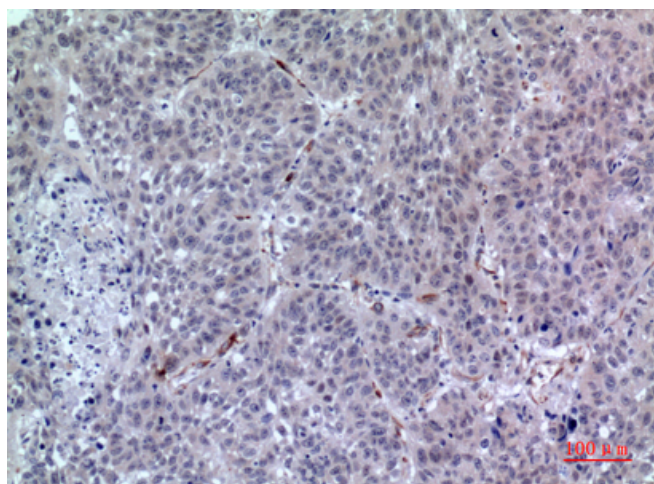
#### Usage suggestions

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

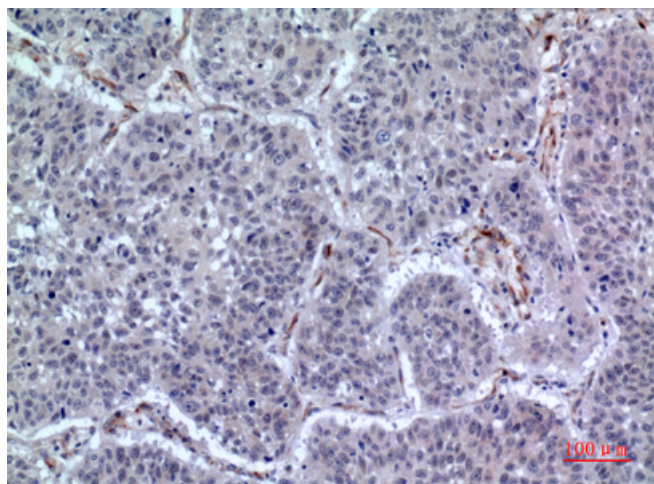
### Products Images



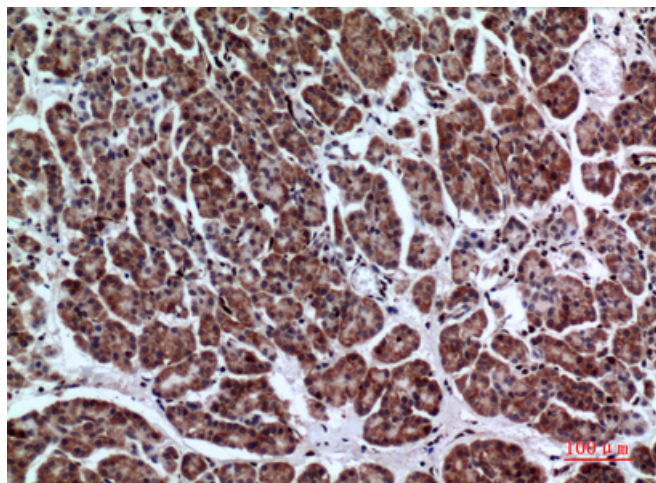
Western Blot analysis of HepG2 cells using LIR-7 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



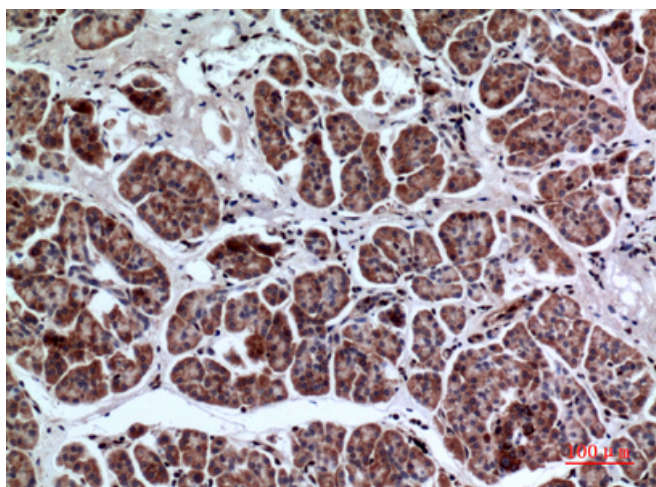
Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-pancreas, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-pancreas, antibody was diluted at 1:100