

LILRB4 Rabbit Polyclonal Antibody

Catalog No: #55107

Package Size: #55107-1 50ul #55107-2 100ul

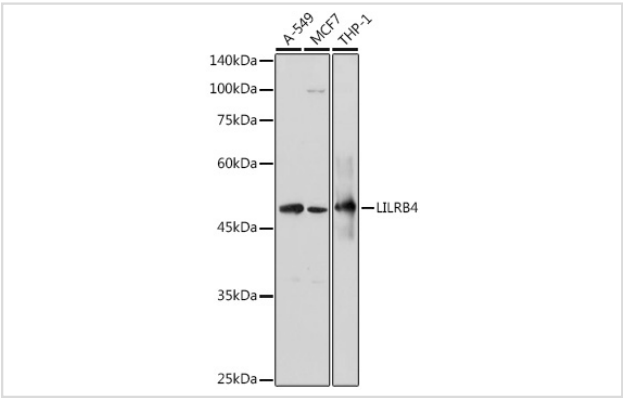
Description

Product Name	LILRB4 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human LILRB4 (NP_001265355.2).
Conjugates	Unconjugated
Other Names	LILRB4;CD85K;ILT-3;ILT3;LIR-5;LIR5
Accession No.	Swiss Prot:Q8NHJ6Gene ID:11006
Calculated MW	49kDa
SDS-PAGE MW	49KDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

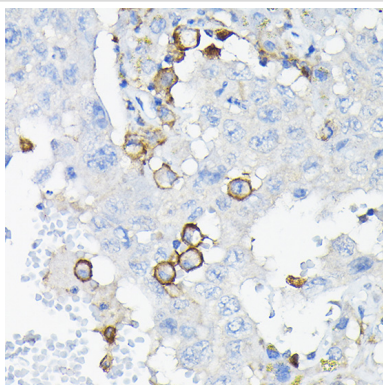
Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200IF 1:50 - 1:200

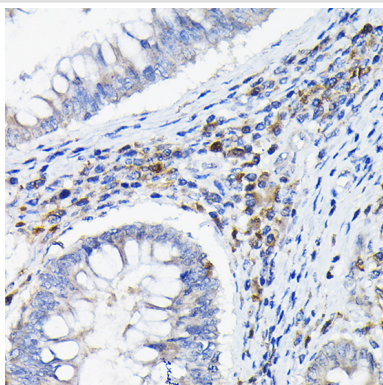
Images



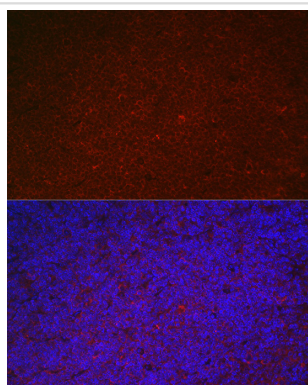
Western blot analysis of extracts of various cell lines, using LILRB4 antibody.



Immunohistochemistry of paraffin-embedded human liver cancer using LILRB4 Rabbit pAb.



Immunohistochemistry of paraffin-embedded human colon carcinoma using LILRB4 Rabbit pAb.



Immunofluorescence analysis of mouse spleen using LILRB4 Rabbit pAb.

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). The receptor is expressed on immune cells where it binds to MHC class I molecules on antigen-presenting cells and transduces a negative signal that inhibits stimulation of an immune response. The receptor can also function in antigen capture and presentation. It is thought to control inflammatory responses and cytotoxicity to help focus the immune response and limit autoreactivity. Multiple transcript variants encoding different isoforms have been found for this gene.

Published Papers

Liyuan Dai;Ning Lou;Liling Huang;Lin Li;Le Tang;Yuankai Shi;Xiaohong Han et al., Spatial transcriptomics reveals prognostically LYZ+ fibroblasts and colocalization with FN1+ macrophages in diffuse large B-cell lymphoma., , (2025)

[PMID:39998673](https://pubmed.ncbi.nlm.nih.gov/39998673/)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.