

Rabbit LILRB4 Antibody | anti-LILRB4 antibody

LILRB4

CATALOG # AAA28090	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, ELISA
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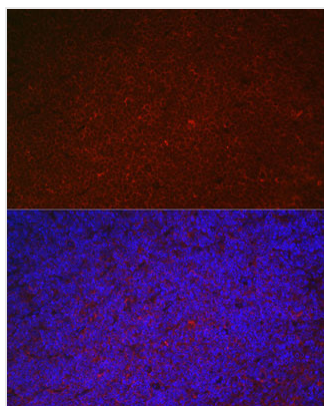
PRODUCT SYNONYMS

LILRB4; CD85K; ILT-3; ILT3; LIR-5; LIR5; anti-LILRB4 antibody

PRODUCT SPECIFICATIONS

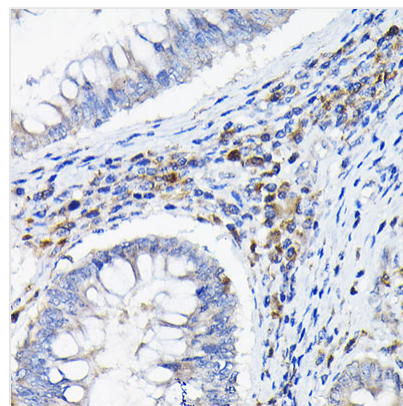
Host	Rabbit
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.
Applicable Applications for anti-LILRB4 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA
Application Notes	WB 1:500 - 1:1000 IHC-P 1:50 - 1:200 IF/ICC 1:50 - 1:200 ELISA Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Species Reactivity/Cross-Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 22-259 of human LILRB4 (NP_001265355.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



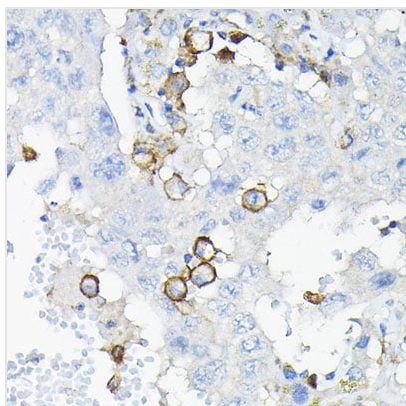
IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded mouse spleen using LILRB4 Rabbit pAb (AAA28090) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



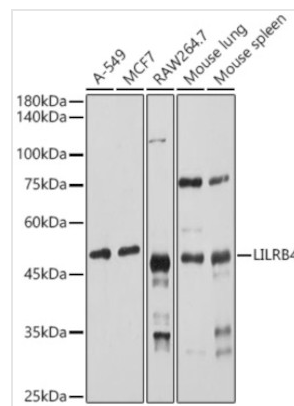
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon carcinoma using LILRB4 Rabbit pAb (AAA28090) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



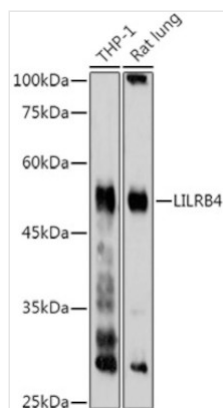
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using LILRB4 Rabbit pAb (AAA28090) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of various lysates using LILRB4 Rabbit pAb (AAA28090) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



WB (Western Blot)

Western blot analysis of various lysates using LILRB4 Rabbit pAb (AAA28090) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-LILRB4 antibody

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.

Product Categories/Family for anti-LILRB4 antibody

[Polyclonal](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	322510117
NCBI GeneID	11006
UniProt Accession #	Q8NHJ6 ; O15468 ; O75021 ; Q6FGQ9 ; Q8N1C7 ; Q8NHL5 ; A8MVL8
Molecular Weight	Observed MW: 49KDa Calculated MW: 49KDa

NCBI Official Full Name	Leukocyte immunoglobulin-like receptor subfamily B member 4
NCBI Official Synonym Full Names	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 4
NCBI Official Symbol	LILRB4
NCBI Official Synonym Symbols	ILT3; LIR5; CD85K; ILT-3; LIR-5
NCBI Protein Information	leukocyte immunoglobulin-like receptor subfamily B member 4; immunoglobulin-like transcript 3; CD85 antigen-like family member K; monocyte inhibitory receptor HM18; leukocyte immunoglobulin-like receptor 5
UniProt Protein Name	Leukocyte immunoglobulin-like receptor subfamily B member 4
UniProt Gene Name	LILRB4
UniProt Synonym Gene Names	ILT3; LIR5; ILT-3; LIR-5
UniProt Entry Name	LIRB4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rabbit-antibody/lilrb4/28090>