

Rabbit anti-Mouse LILRB3 Monoclonal Antibody | anti-LILRB3 antibody

Recombinant Anti-LILRB3 Antibody, Rabbit Monoclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257223	Rabbit	Mouse	Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

LILRB3; Monoclonal Antibody; Recombinant Anti-LILRB3 Antibody; Rabbit Monoclonal; LILRB3 Antibody; Rabbit MAb; leukocyte immunoglobulin like receptor B3; Anti-Gp91 Antibody; Anti-Pirb Antibody; anti-LILRB3 antibody

PRODUCT SPECIFICATIONS

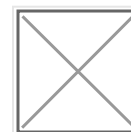
Host	Rabbit
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	058
Specificity	Mouse LILRB3
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-LILRB3 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant Mouse LILRB3 Protein
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Mouse LILRB3 (rM LILRB3).
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Mouse LILRB3(CD85a) expression on BABL/c splenocytes. Cells were stained with purified anti-Mouse LILRB3(CD85a), then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.



IF (Immunofluorescence)

Immunofluorescence staining of mouse LILRB3 in mouse splenocytes. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with rabbit anti-mouse LILRB3 monoclonal antibody (1:60) at 4 degree C overnight. Then cells were stained with the Alexa Fluor 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-LILRB3 antibody	Leukocyte immunoglobulin-like receptor subfamily B member 3, also known as Leukocyte immunoglobulin-like receptor 3, Immunoglobulin-like transcript 5, Monocyte inhibitory receptor HL9, CD85 antigen-like family member A, CD85a and LILRB3, is a single-pass type I membrane protein that belongs to the leukocyte receptor cluster (LRC) present on 19q13.4. LILRB3/CD85a contains four Ig-like C2-type (immunoglobulin-like) domains. LILRB3/CD85a contains three copies of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). This motif is involved in the modulation of cellular responses. The phosphorylated ITIM motif can bind the SH2 domain of several SH2-containing phosphatases. LILRB3/CD85a 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. 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.
Product Categories/Family for anti-LILRB3 antibody	ITIM/ITAM Immunoreceptors and Related Molecules
References	Huang, J. et al., 2010, J Virol. 84 (18): 9463-71. Arm J.P. et al., 1997, J. Immunol. 159:2342-2349. Wende H. et al., 2000, Immunogenetics 51:703-713. Yu L.-R. et al., 2007, J. Proteome Res. 6:4150-4162.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2138367
NCBI GeneID	18733
Molecular Weight	93,054 Da
NCBI Official Full Name	PIRB1
NCBI Official Synonym Full Names	paired Ig-like receptor B
NCBI Official Symbol	Pirb
NCBI Official Synonym Symbols	Gp91; LIR-3; PIR-B; Lilrb3
NCBI Protein Information	leukocyte immunoglobulin-like receptor subfamily B member 3

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/monoclonal/lilrb3-antibody-clone-058-immunofluorescence-immunocytochemistry-flow-cytometry-elisa/257223>