

Anti-KLRA1 KLRA1P Antibody

Catalog Number: A33934

About KLRA1P

KLRA1 (also known as Ly49L) is a member of the LY49 family of receptors. Natural killer (NK) cells that bind to major histocompatibility complex (MHC) class 1. These proteins are classified as either activating or inhibitory receptors based on whether they possess an immunoreceptor tyrosine-based inhibitory motif (ITIM) in their cytoplasmic region (for inhibitory receptors), or an immunoreceptor tyrosine-based activation motif (ITAM) that transmits activating signals resulting in phosphorylation of several substrates. KLRA1 is thought to be an activating receptor, inducing DAP12 phosphorylation in response to antibody-mediated cross-linking of KLRA1 on NK cells. At least three isoforms of KLRA1 are known to exist.

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Overview

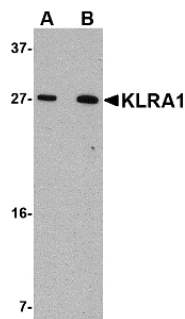
Product Name	Anti-KLRA1 KLRA1P Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-KLRA1 KLRA1P Antibody (Catalog # A33934). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	KLRA1 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	KLRA1 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	EAW96194

Technical Details

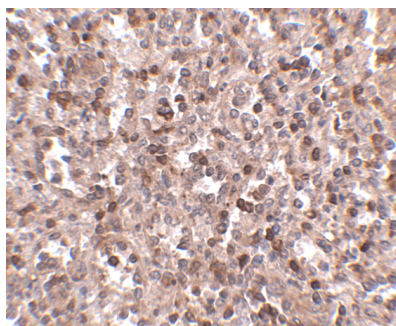
Immunogen	KLRA1 antibody was raised against a 13 amino acid synthetic peptide near the carboxy terminus of human KLRA1. The immunogen is located within amino acids 190 - 240 of KLRA1.
Predicted Reactive Species	Human
Isotype	IgG

Form	Liquid
Concentration	1 mg/mL
Purification	KLRA1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	KLRA1 antibody can be used for detection of KLRA1 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 2.5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

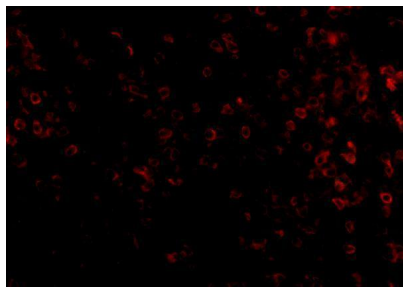
Anti-KLRA1 KLRA1P Antibody (A33934) Images



Western blot analysis of KLRA1 in 293 cell lysate with KLRA1 antibody at (A) 1 ug/mL and (B) 2 ug/mL.



Immunohistochemistry of KLRA1 in human spleen tissue with KLRA1 antibody at 2.5 ug/mL.



Immunofluorescence of KLRA1 in Human Spleen cells with KLRA1 antibody at 20 ug/mL.

[Anti-KLRA1 KLRA1P Antibody](#)

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