

KLRA2 Antibody

Catalog No: #24837

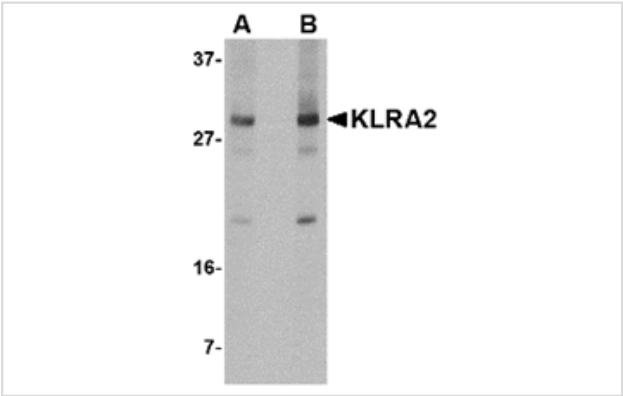


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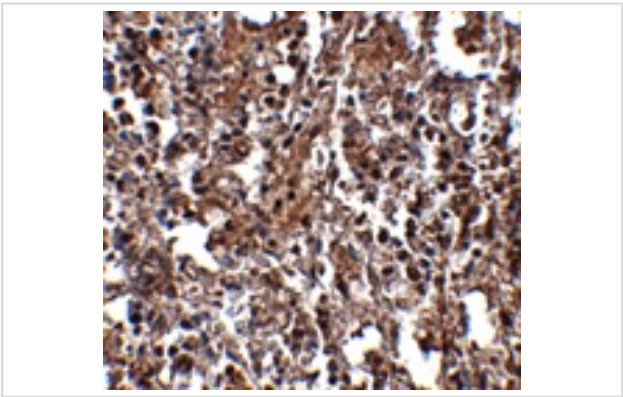
Description

Product Name	KLRA2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Ms Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a 14 amino acid peptide near the carboxy terminus of mouse KLRA2.
Target Name	KLRA2
Other Names	Killer cell lectin-like receptor subfamily A member 2, Ly49B
Accession No.	Q60660
Uniprot	Q60660
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Images



Western blot analysis of KLRA2 in mouse spleen tissue lysate with KLRA2 antibody at (A) 0.5 and (B) 1 ug/mL.



Immunohistochemistry of KLRA2 in mouse spleen tissue with KLRA2 antibody at 2.5 ug/mL.

Background

KLRA2 (also known as Ly49B) is a member of the LY49 family of receptors in 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. KLRA2 is thought to be an inhibitory receptor and associates with the protein tyrosine phosphatases SHP1, SHP2, and SHIP in transfected cells. This antibody is predicted to not cross-react with other LY49 receptors.

Note: This product is for in vitro research use only