KLRA1 Antibody

Catalog No: #24828

Description Product Name



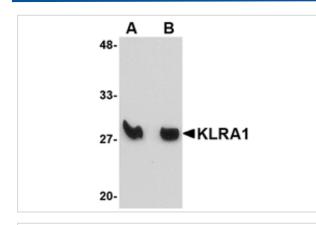
Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

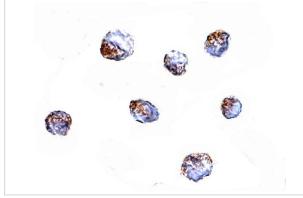
ChanalityPolyclonalPurificationAffinity chromatography purified via peptide columnApplicationsELISA WB ICCSpecies ReactivityHu Ms RtSpecificityAt least three isoforms of KLRA1 are known to exist; this antibody recognizes only the long isoform.mmunogen TypePeptidemmunogen DescriptionRaised against a 13 amino acid peptide near the center of human KLRA1.arget NameKLRA1Other NamesKiller cell lectin-like receptor subfamily A member 1, Ly49, Ly49LAccession No.Swiss-Prot:EAW96194Gene ID:Concentration1mg/mlFormulationSupplied in PBS containing 0.02% sodium azide.		
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KLRA1 Antibody

Images



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



Immunocytochemistry of KLRA1 in 293 cells with KLRA1 antibody at 4 ug/mL.

Background

KLRA1 (also known as Ly49L) 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. KLRA1 is thought to be an activating receptor, inducing DAP12 phosphorylation in response to antibody-mediated cross-linking of KLRA1 on NK cells.

Note: This product is for in vitro research use only