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Datasheet for ABIN6991061
anti-Klra2 antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	Klra2
Binding Specificity:	C-Term
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Klra2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	KLRA2 antibody was raised against a 14 amino acid synthetic peptide near the carboxy terminus of mouse KLRA2. The immunogen is located within the last 50 amino acids of KLRA2.
Isotype:	IgG
Purification:	KLRA2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	Klra2
Alternative Name:	KLRA2 (Klra2 Products)
Background:	KLRA2 Antibody: 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

Target Details

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.

Gene ID: 16633

UniProt: [Q60660](#)

Application Details

Application Notes: KLRA2 antibody can be used for detection of KLRA2 by Western blot at 0.5 - 1 μ g/mL. Antibody can also be used for immunohistochemistry starting at 2.5 μ g/mL. For immunofluorescence start at 20 μ g/mL.

Antibody validated: Western Blot in mouse samples and Immunohistochemistry in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: KLRA2 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: KLRA2 antibody can be stored at 4°C for three months and -20°C, stable for up to 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.