
KLRA1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254014

Unit: 0.1 mg

Description:

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. At least three isoforms of KLRA1 are known to exist; this antibody recognizes only the long isoform.

Isotype: Rabbit Ig

Applications: E, WB, ICC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: KLRA1 ; Killer cell lectin-like receptor subfamily A member 1; Ly49; Ly49L

Accession No.: EAW96194

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human KLRA1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; ICC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.