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Research Use Only. Not for diagnostic or therapeutic use.

EB06839-T - Goat Anti-NKG2D / KLRK1 Antibody - Trial

Size: 20µg specific antibody in 40µl

Target Protein

Principal Names: KLRK1, NKG2-D, killer cell lectin-like receptor subfamily K, member 1, HGNC:18788, D12S2489E, KLR, NK cell receptor D, NKG2-D type II integral membrane protein, CD314, D12S2489E, FLJ17759, FLJ75772, NKG2D
Official Symbol: KLRK1
Accession Number(s): NP_031386.2
Human GeneID(s): 22914

Immunogen

Peptide with sequence C-KVYSKEDQDLLK, from the internal region of the protein sequence according to NP_031386.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.
Western blot: Approx 35kDa band observed in Human Lymph Node and Human Spleen lysates (calculated MW of 25.3kDa according to NP_031386.2). The observed molecular weight is explained by glycosylation (Han et al, Blood. 2004 Nov 1;104(9):2858-66. Epub 2004 Jul 6; PMID: 15238421). Recommended concentration: 0.1-0.3µg/ml. Primary incubated for 1 hour. Preliminary testing was unsuccessful on Mouse and Rat Spleen, and Rat Thymus for this particular batch.

Species Reactivity

Tested: Human
Expected from sequence similarity: Human, Mouse, Rat

EB06839 staining (0.3µg/ml) of Human Spleen lysate (RIPA buffer, 35µg total protein per lane). Detected by chemiluminescence.