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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB06839 - Goat Anti-NKG2D / KLRK1 Antibody

Size: 100µg specific antibody in 200µl



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.