

## **UK Office**

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

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): <u>22914</u>

#### 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.