



## International Office

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

## EB05254-T - Goat Anti-CRKL Antibody - Trial

Size: 20µg specific antibody in 40µl



### Target Protein

**Principal Names:** CRKL, v-crk sarcoma virus CT10 oncogene homolog (avian)-like, v-crk avian sarcoma virus CT10 oncogene homolog-like, OTTHUMP00000198539

**Official Symbol:** CRKL

**Accession Number(s):** NP\_005198.1

**Human GeneID(s):** [1399](#)

### Immunogen

Peptide with sequence C-KIFDPQNPDENE, from the C Terminus of the protein sequence according to NP\_005198.1.

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 1:16000.

**Western blot:** Approx 37kDa band observed in lysates of cell lines K562, Daudi and NIH3T3 (calculated MW of 33.8kDa according to Human NP\_005198.1 and Mouse NP\_031790.2 ). Recommended concentration: 0.1-1µg/ml. Primary incubation 1 hour at room temperature.

**IHC:** In paraffin embedded Human Thymus shows staining of cellular membranes in thymocytes. Recommended concentration: 2.5-3.8µg/ml.

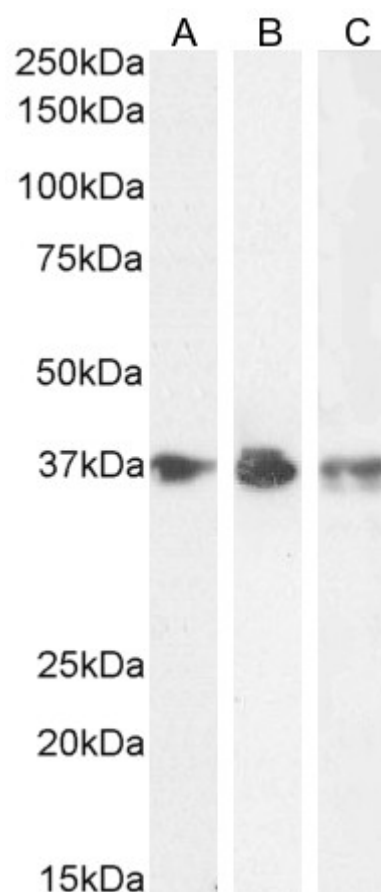
**Immunofluorescence:** Strong expression of the protein seen in the cytoplasm of U2OS cells. Recommended concentration: 10µg/ml.

**Flow Cytometry:** Flow cytometric analysis of U2OS cells. Recommended concentration: 10ug/ml.

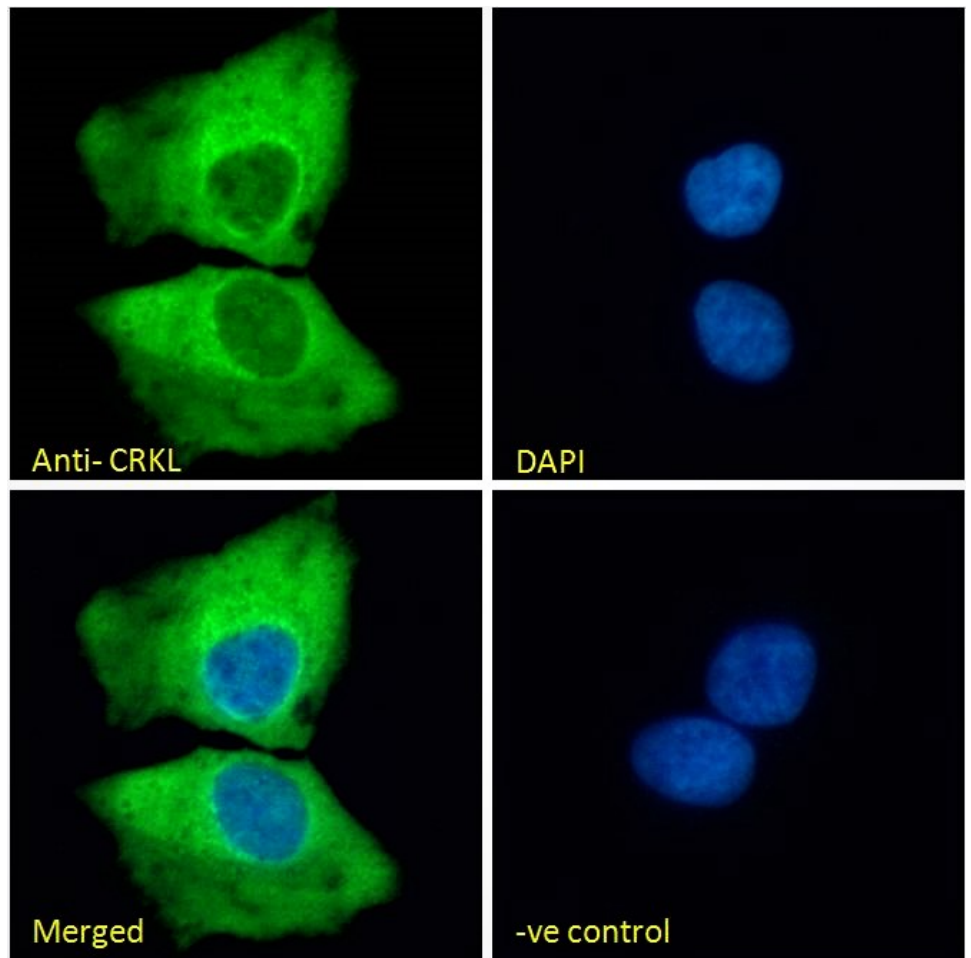
### Species Reactivity

**Tested:** Human, Mouse

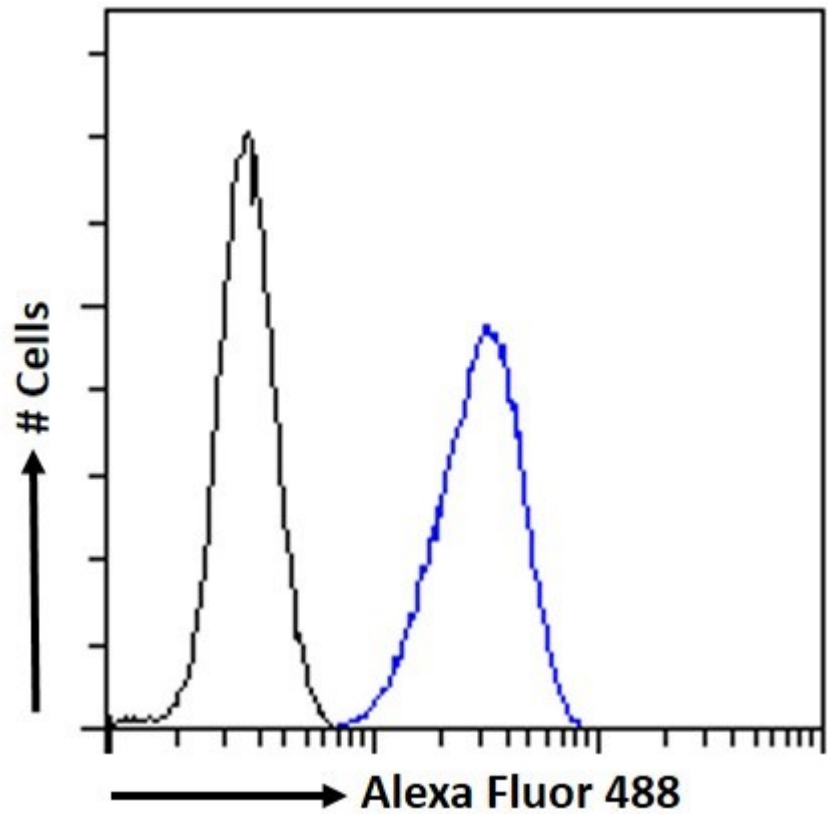
**Expected from sequence similarity:** Human, Mouse, Rat



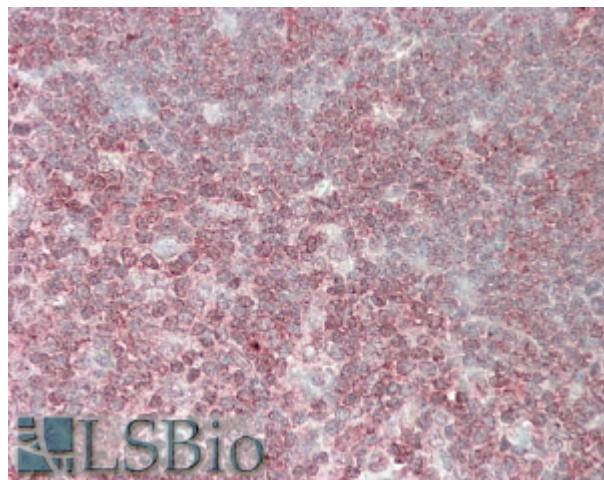
EB05254 (0.1µg/ml) staining of K562 (A) and (1ug/ml) Daudi (B) and NIH3T3 (C) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB05254 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB05254 Flow cytometric analysis of paraformaldehyde fixed U2OS cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



EB05254 (3.8µg/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.