



## International Office

### Everest Biotech Ltd

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

## EB05399 - Goat Anti-MS2 / ADAM8 / CD156 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ADAM8, CD156, a disintegrin and metalloproteinase domain 8, CD156 MS2, ADAM metalloproteinase domain 8, MGC134985, MS2, cell surface antigen MS2, disintegrin and metalloproteinase domain-containing protein 8, human leukocyte differentiation antigen

**Official Symbol:** ADAM8

**Accession Number(s):** NP\_001100.3; NP\_001157962.1

**Human GeneID(s):** [101](#)

**Non-Human GeneID(s):** 11501 (mouse)

**Important Comments:** This antibody is expected to recognise isoform 1 and 3 (NP\_001100.3; NP\_001157962.1).

### Immunogen

Peptide with sequence C-QRKQGAGAPTAP, from the C Terminus of the protein sequence according to NP\_001100.3; NP\_001157962.1.

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. 90kDa band observed in lysates of cell line Caco-2, approx. 80kDa in Human Duodenum lysates and approx. 85kDa in preliminary testing of MCF7 cell lysate (calculated MW of 88.8kDa according to NP\_001100.3 and 78.8kDa according to NP\_001157962.1). Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature.

**Positive Control:** A batch specific positive control lysate is available for this product. Please contact [Sales@everestbiotech.com](mailto:Sales@everestbiotech.com) for availability.

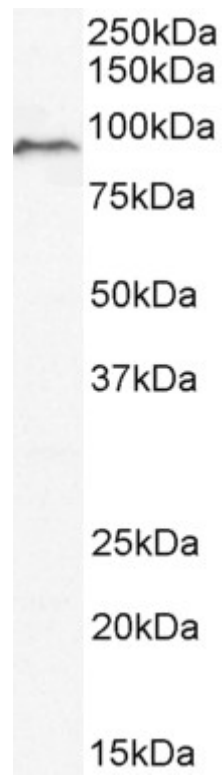
**IHC:** Paraffin embedded Human Lymph Node. Recommended concentration: 6-8µg/ml.

**Flow Cytometry:** Flow cytometric analysis of Caco-2 cells. Recommended concentration: 10ug/ml.

### Species Reactivity

**Tested:** Human

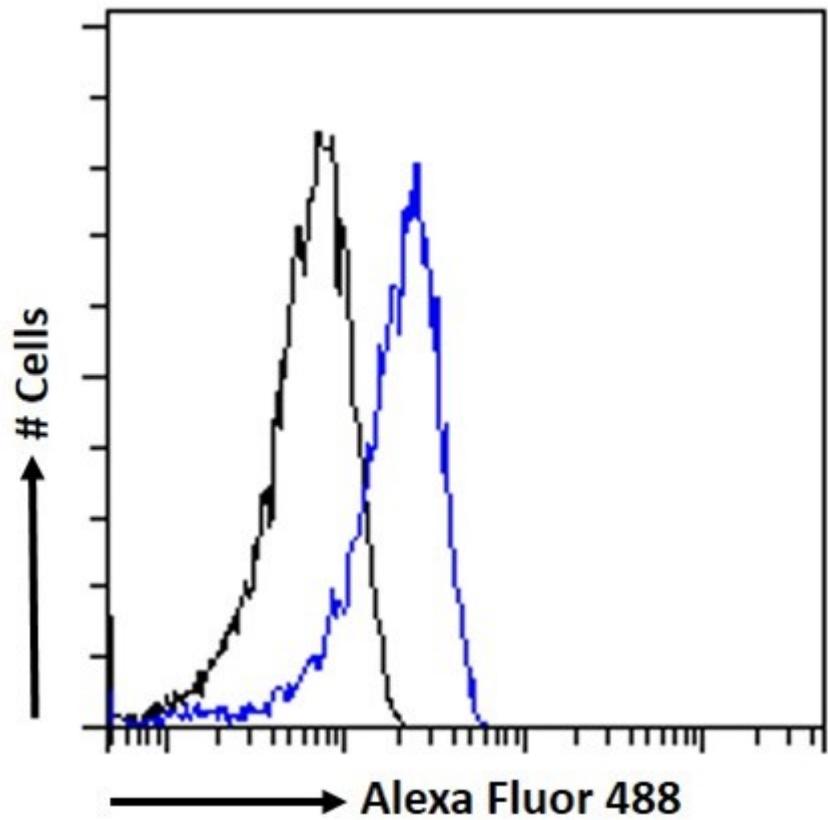
**Expected from sequence similarity:** Human



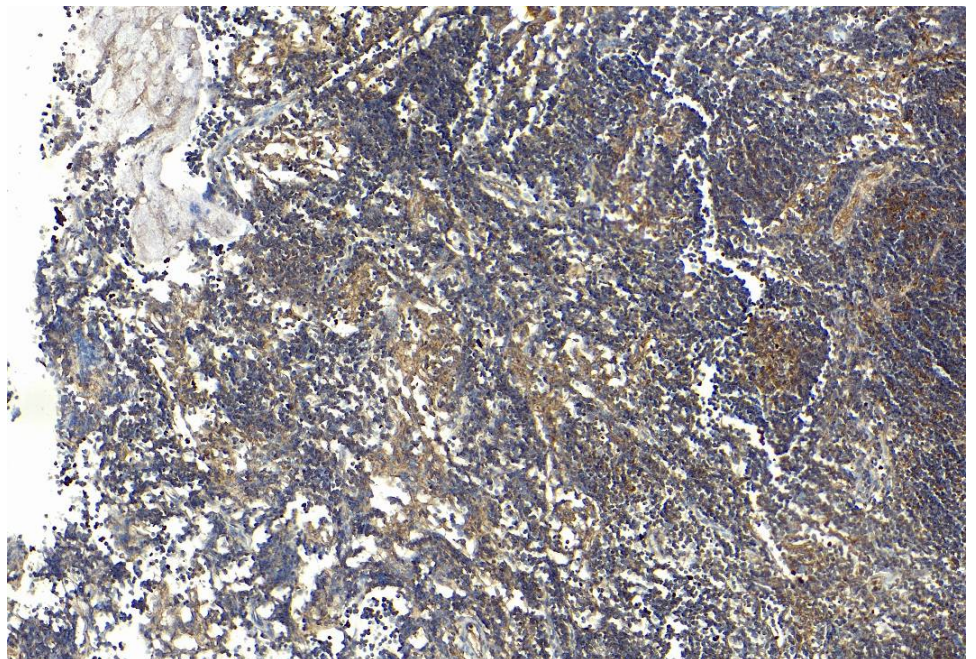
EB05399 (1 $\mu$ g/ml) staining of Caco-2 cell lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB05399 (1 $\mu$ g/ml) staining of Human Duodenum lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

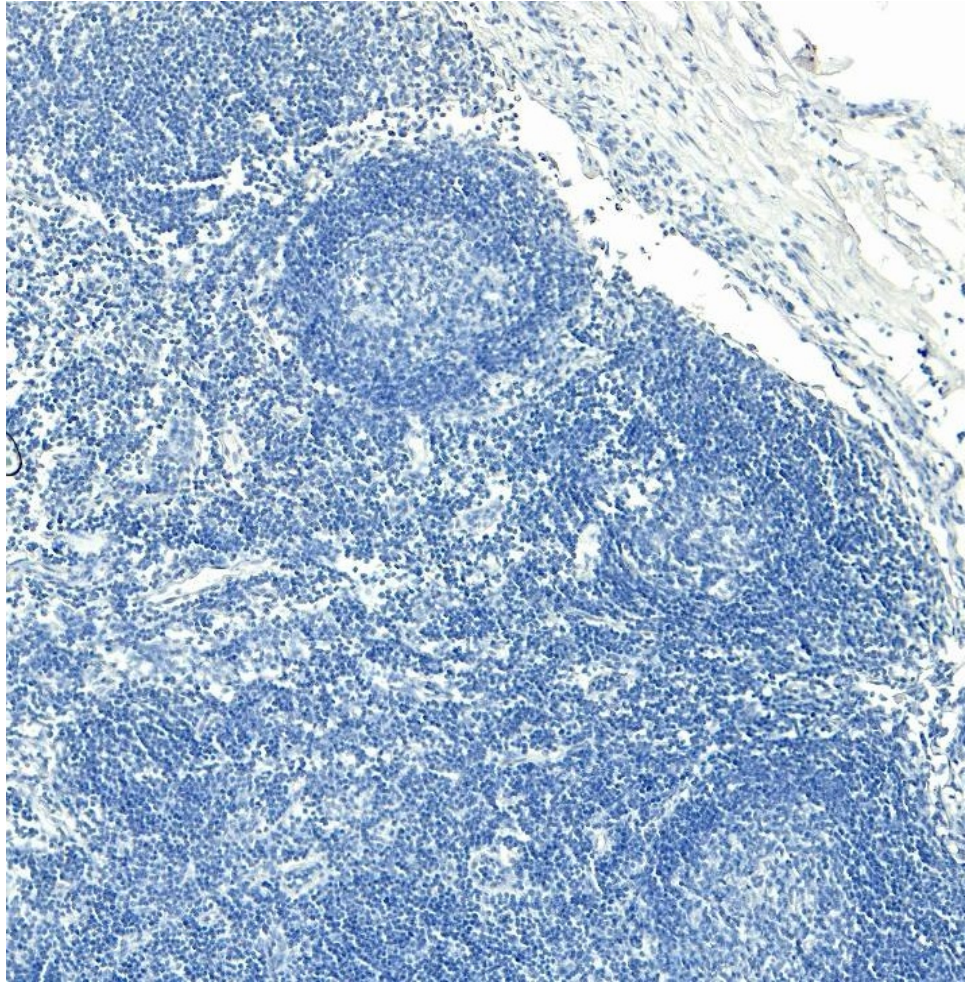


EB05399 Flow cytometric analysis of paraformaldehyde fixed Caco-2 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



EB05399 (6µg/ml) staining of paraffin embedded Human Lymph Node. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.





EB05399 Negative Control showing staining of paraffin embedded Human Lymph Node, with no primary antibody.