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

EB05399-T - Goat Anti-MS2 / ADAM8 / CD156 Antibody - Trial

Size: 20µg specific antibody in 40µl



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 for availability.

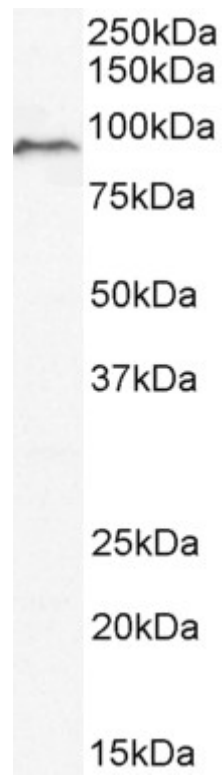
IHC: Paraffin embedded Human Lymph Node. Recommended concentration: 6-8µg/ml.

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

Species Reactivity

Tested: Human

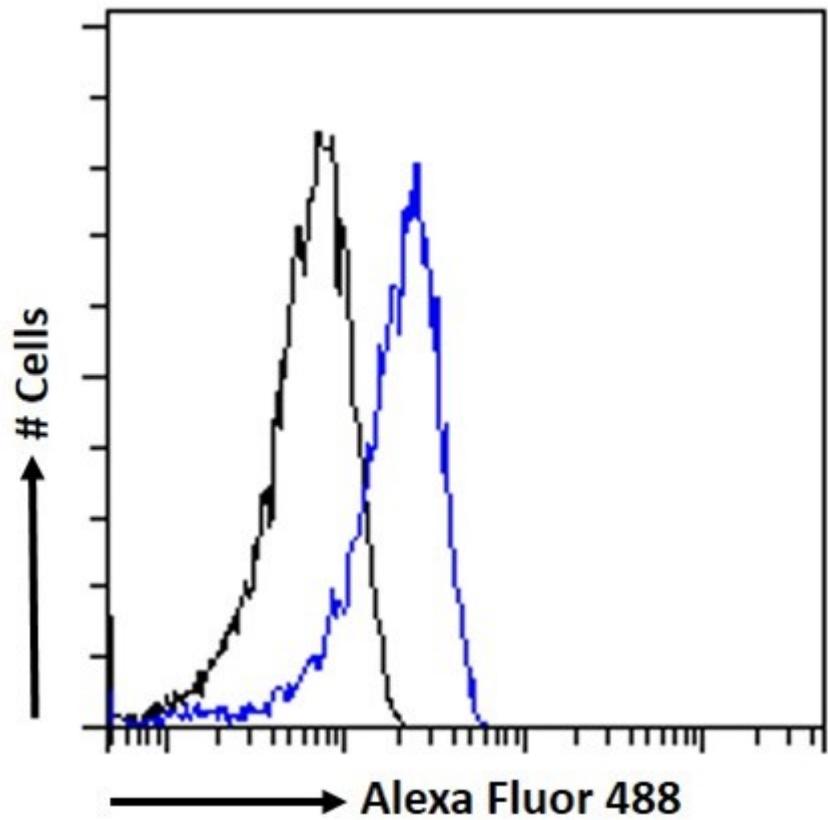
Expected from sequence similarity: Human



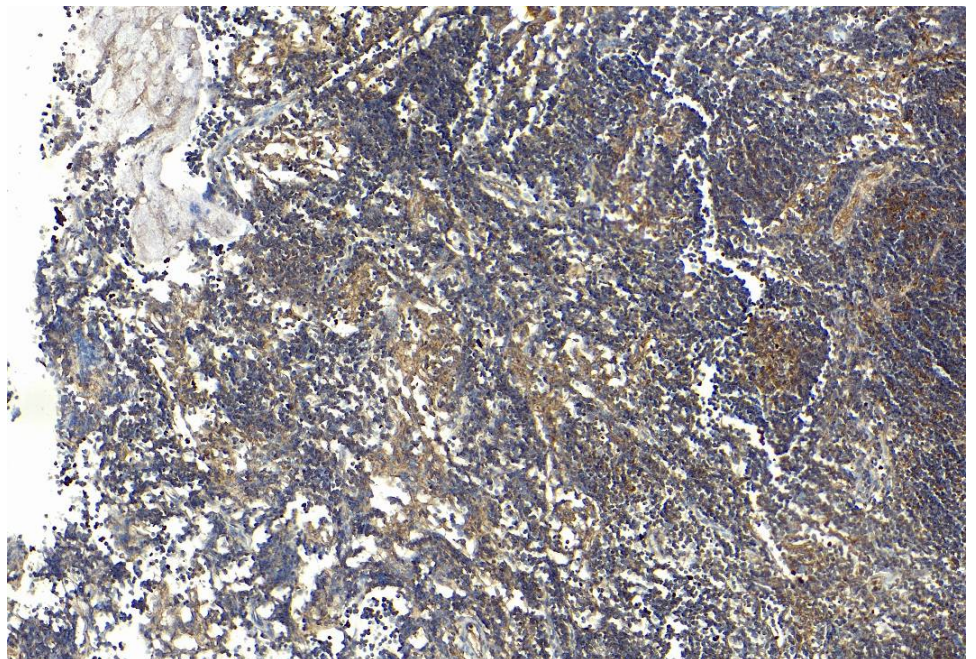
EB05399 (1µg/ml) staining of Caco-2 cell lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



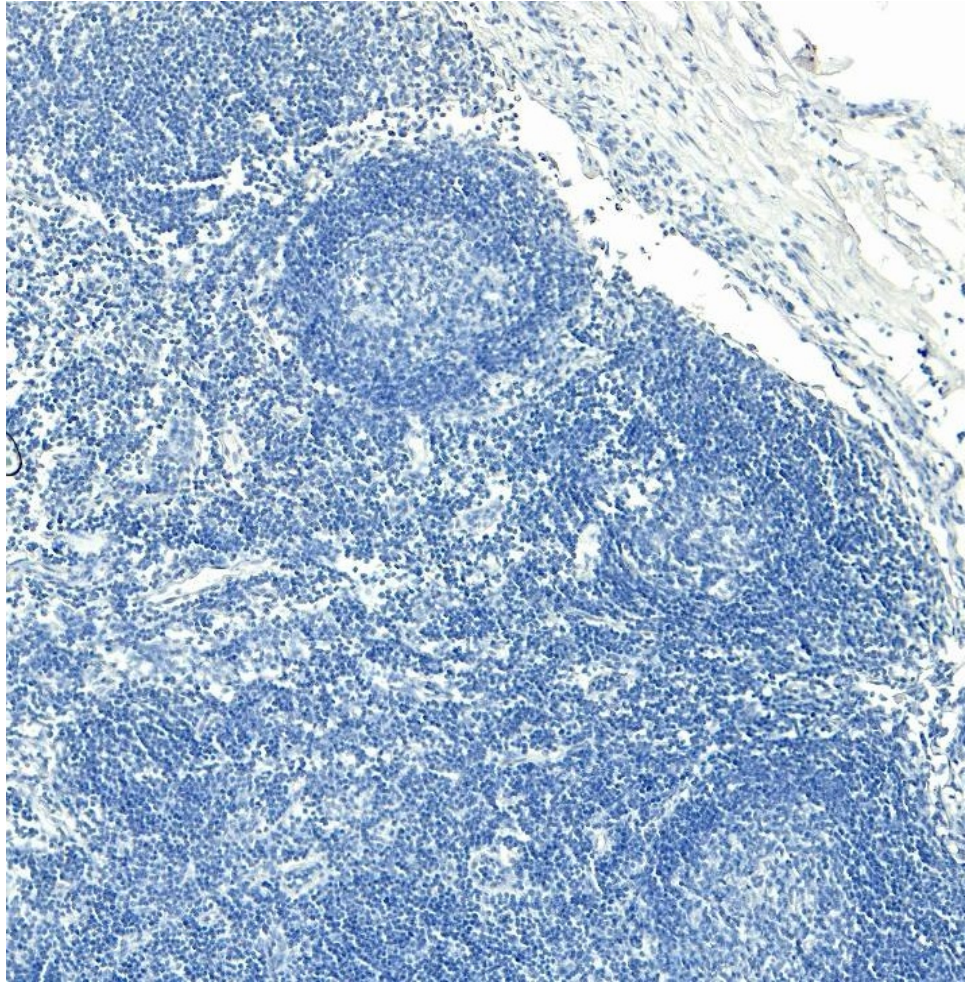
EB05399 (1µg/ml) staining of Human Duodenum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



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.