

Product datasheet for TA354545

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ADAM8 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB 0.1-1 μg/ml ELISA 0.01-0.1 μg/ml IP 2-5 μg/ml IHC 2-10 μg/ml FC 5-10 μg/ml

Reactivity: Human, Mouse

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: A synthetic peptide corresponding to the human CD156b at extracellular domain. This

sequence is identical among human, mouse or rat origins.

Formulation: This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2)

containing antibody stabilizer.

Purification: The Rabbit IgG is purified by Epitope Affinity Purification

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: ~100 kDa

Gene Name: ADAM metallopeptidase domain 8

Database Link: NP 001100

Entrez Gene 11501 MouseEntrez Gene 101 Human

P78325



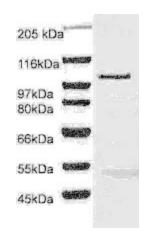
Background:

CD156b is a type I transmembrane glycoprotein belong to the ADAM (a disintegrin and metalloprotease domain) family. This single-pass type-1 824 aa transmembrane glycoprotein contains a signal sequence, an extracellular domain (pro-domain, catalytic domain, disintegrin-cysteine-rich domain, glycosylation sites), transmembrane and cytoplasmic domain. CD156b is a multi-domain protein that includes a Zn-dependent protease domain in the extracellular portion. It releases the soluble forms of TNF and TGFa from cells. CD156b is identified by its ability to cleave the transmembrane form of TNF between Ala-76 and Val-77 to generate the soluble form. CD156b is therefore a prospective therapeutic target in human cancer. CD156b is expressed on T cells, neutrophils, endothelial cells, monocytes, dendritic cells, macrophages, polymorphonuclear leukocytes and myocytes. And non-lymphoid tissues including heart, placenta, brain, muscle.

Synonyms: CD156; CD156a; MS2

Protein Families: Druggable Genome, Transmembrane

Product images:



WB: The cell lysate derived from Jurkat was immunoprobed by Rabbit anti-CD156b at 1:500. An immunoreactive band is observed around ~