

## **Product datasheet for TA354546**

## OriGene Technologies, Inc.

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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 Pro- domain. This sequence is

identical among human, mouse and/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



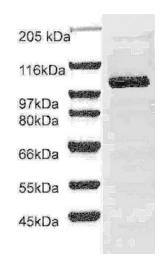
Background:

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 (NT) at 1:500. An immunoreactive band is observed around ~