10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Goat Anti-MS2 / ADAM8 / CD156 Antibody

Peptide-affinity purified goat antibody
Catalog # AF1686a

Specification

Goat Anti-MS2 / ADAM8 / CD156 Antibody - Product Information

Application	**WB**
Primary Accession	P78325
Other Accession	NP_001157962, 101, 11501 (mouse)
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**100ug/200ul**
Isotype	**IgG**
Calculated MW	**88771**

Goat Anti-MS2 / ADAM8 / CD156 Antibody - Additional Information

Gene ID 101

Other Names
Disintegrin and metalloproteinase domain-containing protein 8, ADAM 8, 3.4.24.-, Cell surface antigen MS2, CD156a, ADAM8, MS2

Format
0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Goat Anti-MS2 / ADAM8 / CD156 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-MS2 / ADAM8 / CD156 Antibody - Protein Information

Name ADAM8

Synonyms MS2

Function
Possible involvement in extravasation of leukocytes.

Cellular Location
Membrane; Single-pass type I membrane protein.

Tissue Location
Expressed on neutrophils and monocytes.

Goat Anti-MS2 / ADAM8 / CD156 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Goat Anti-MS2 / ADAM8 / CD156 Antibody - Images

AF1686a (1 µg/ml) staining of Human Bone Marrow lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-MS2 / ADAM8 / CD156 Antibody - Background

This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The protein encoded by this gene may be involved in cell adhesion during neurodegeneration, and it is thought to be a target for allergic respiratory diseases, including asthma. Alternative splicing results in multiple transcript variants.

Goat Anti-MS2 / ADAM8 / CD156 Antibody - References

Evaluation of candidate stromal epithelial cross-talk genes identifies association between risk of serous ovarian cancer and TERT, a cancer susceptibility hot-spot. Johnatty SE, et al. PLoS Genet, 2010 Jul 8. PMID 20628624.
Novel alternatively spliced ADAM8 isoforms contribute to the aggressive bone metastatic

phenotype of lung cancer. Hern□ndez I, et al. Oncogene, 2010 Jul 1. PMID 20453887.
ADAM8 substrate specificity: influence of pH on pre-processing and proteoglycan degradation. Hall T, et al. Arch Biochem Biophys, 2009 Nov. PMID 19766586.
ADAM-8 isolated from human osteoarthritic chondrocytes cleaves fibronectin at Ala(271). Zack MD, et al. Arthritis Rheum, 2009 Sep. PMID 19714641.
ADAM8/MS2/CD156, an emerging drug target in the treatment of inflammatory and invasive pathologies. Koller G, et al. Curr Pharm Des, 2009. PMID 19601829.