



## ADAM33 peptide (DAG-P0108)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

**Antigen Description** 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. This protein is a type I transmembrane protein implicated in asthma and bronchial hyperresponsiveness. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2013]

<b>Specificity</b>	Expressed in all tissues, except liver, with high expression in placenta, lung, spleen and veins.
<b>Purity</b>	> 95 % by SDS-PAGE.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, WB
<b>Sequence Similarities</b>	Contains 1 disintegrin domain.Contains 1 EGF-like domain.Contains 1 peptidase M12B domain.
<b>Format</b>	Liquid
<b>Buffer</b>	Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">ADAM33 ADAM metallopeptidase domain 33 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	ADAM33
<b>Synonyms</b>	ADAM33; ADAM metallopeptidase domain 33; C20orf153; DJ964F7.1; disintegrin and metalloproteinase domain-containing protein 33; ADAM 33; a disintegrin and metalloprotease 33; a disintegrin and metalloproteinase domain 33; disintegrin and reprotysin metalloproteinase family protein;
<b>Entrez Gene ID</b>	<a href="#">80332</a>
<b>mRNA Refseq</b>	<a href="#">NM_001282447.1</a>
<b>Protein Refseq</b>	<a href="#">NP_001269376.1</a>
<b>UniProt ID</b>	A2A2L3
<b>Chromosome Location</b>	20p13
<b>Function</b>	metalloendopeptidase activity; zinc ion binding;