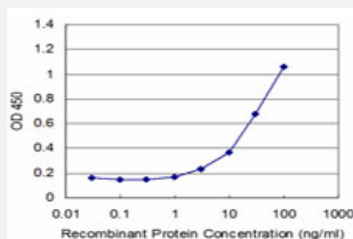


ADAM20 monoclonal antibody (M05), clone 4B10

Catalog # H00008748-M05

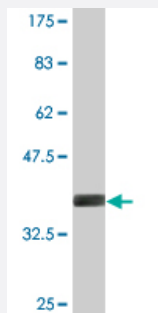
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ADAM20 is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (35.75 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant ADAM20.

Immunogen

ADAM20 (NP_003805, 268 a.a. ~ 358 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

IRYLFSQSNATTVQHEVFNVVNIVDSFYHPLEVDVILTGIDWTASNPLPTSGDLDNVLEDFSIWKNY
NLNNRLQHDVAHLFIKDTQGMKL

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (49)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.75 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ADAM20 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ADAM20

Entrez GeneID	8748
GeneBank Accession#	NM_003814
Protein Accession#	NP_003805
Gene Name	ADAM20
Gene Alias	-
Gene Description	ADAM metallopeptidase domain 20
Omim ID	603712
Gene Ontology	Hyperlink

Gene Summary

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 expression of this gene is testis-specific. [provided by RefSeq]

Other Designations

a disintegrin and metalloproteinase domain 20

Publication Reference

- [Germ cell-specific proteins AKAP4 and ASPX facilitate identification of rare spermatozoa in non-obstructive azoospermia.](#)

Junyan Zhang, Mirzo Kanoatov, Keith Jarvi, Andree Gauthier-Fisher, Sergey I Moskovtsev, Clifford Librach, Andrei P Drabovich.
Molecular & Cellular proteomics: MCP 2023 Apr; 22(6):100556.

Application: IF, Human, Human spermatozoa