



Mouse anti-Human ADAM2 monoclonal antibody, clone 5B3 (CABT-B9721)

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

PRODUCT INFORMATION

Immunogen	ADAM2 (NP_001455, 376 a.a. ~ 476 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	5B3
Conjugate	Unconjugated
Applications	WB, sELISA, ELISA
Sequence Similarities	RLDPFFKQQAVCGNAKLEAGEECDCGTEQDCALIGETCCDIATCRFKAGSNCAEGPCCEN CLFMSKERMCRPSFEECDLPEYCNGSSASCPEHYVQTGH*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	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
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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 encoded protein is a subunit of an integral sperm membrane glycoprotein called fertilin, which plays an important role in sperm-egg interactions. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, May 2013]

Keywords	ADAM2; ADAM metallopeptidase domain 2; CT15; FTNB; PH30; CRYN1; CRYN2; PH-30b; PH30-beta; disintegrin and metalloproteinase domain-containing protein 2; fertilin subunit beta; cancer/testis antigen 15;
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GENE INFORMATION

Entrez Gene ID	2515
UniProt ID	Q99965
Function	integrin binding; metalloendopeptidase activity; metallopeptidase activity; zinc ion binding
