



Mouse anti-Human ADAM11 monoclonal antibody, clone 4E5 (CABT-B9719)

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

PRODUCT INFORMATION

Immunogen	ADAM11 (NP_002381, 230 a.a. ~ 334 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	4E5
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	GHPTVHSETKYVELIVINDHQLFEQMRQSVVLTNSFAKSVVNLADVIYKEQLNTRIVLVA METWADGDKIQVQDDLLETLARLMVYRREGLPEPSDATHLFSGR*
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) protein 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. This gene represents a candidate tumor suppressor gene for human breast cancer based on its location within a minimal region of chromosome 17q21 previously defined by tumor deletion mapping. [provided by RefSeq, Dec 2014]

Keywords	ADAM11; ADAM metallopeptidase domain 11; MDC; disintegrin and metalloproteinase domain-containing protein 11; ADAM 11;
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GENE INFORMATION

Entrez Gene ID	4185
UniProt ID	O75078
Function	integrin binding; metalloendopeptidase activity; metallopeptidase activity; zinc ion binding
