



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

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| 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 | GHPTVHSETKYVELIVINDHQLFEQMRQSVVLTSNFAKSVVNLADVYKEQLNTRIVLVA 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

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| 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]

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

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