

## Rabbit anti-Human ADAM19 Polyclonal Antibody | anti-ADAM19 antibody

ADAM19 Antibody (Center)

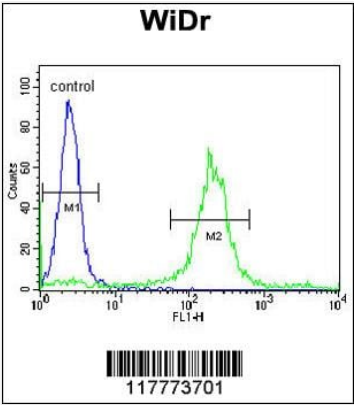
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                                |
|-----------|--------|------------|-----------------------------------------------------------------------------|
| AAA287067 | Rabbit | Human      | Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot |

### PRODUCT SYNONYMS

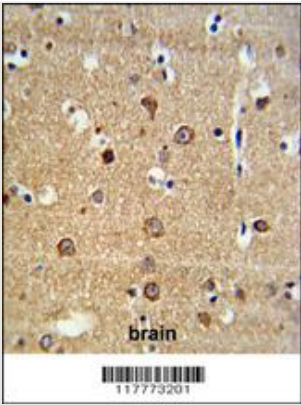
ADAM19; Polyclonal Antibody; ADAM19 Antibody (Center); Disintegrin and metalloproteinase domain-containing protein 19; ADAM 19; 3424-; Meltrin-beta; Metalloprotease and disintegrin dendritic antigen marker; MADDAM; MLTNB; anti-ADAM19 antibody

### PRODUCT SPECIFICATIONS

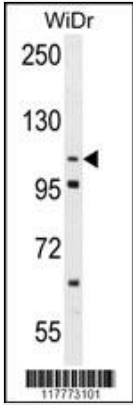
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|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                    |
| Reactivity                                       | Human                                                                                                                                                                                     |
| Clonality                                        | Polyclonal                                                                                                                                                                                |
| Isotype                                          | Rabbit Ig                                                                                                                                                                                 |
| Specificity                                      | This ADAM19 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 207-236 amino acids from the Central region of human ADAM19.                     |
| Purity/Purification                              | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                                 |
| Form/Format                                      | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| Concentration                                    | Vial Concentration: 2 (varies by lot)                                                                                                                                                     |
| Sequence Positions                               | 207-236                                                                                                                                                                                   |
| Sequence Length                                  | 918                                                                                                                                                                                       |
| Applicable Applications for anti-ADAM19 antibody | FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                           |
| Antigen Type                                     | Synthetic Peptide                                                                                                                                                                         |
| Antigen Source                                   | HUMAN                                                                                                                                                                                     |
| Preparation and Storage                          | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                                    |



**FCM/FACS (Flow Cytometry)**  
ADAM19 Antibody (Center) flow cytometric analysis of WiDr cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



**IHC (Immunohistochemistry)**  
ADAM19 Antibody (Center) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ADAM19 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



**WB (Western Blot)**  
Western blot analysis of ADAM19 Antibody (Center) in WiDr cell line lysates (35ug/lane). ADAM19 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ADAM19 antibody | 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 member is a type I transmembrane protein and serves as a marker for dendritic cell differentiation. It has also been demonstrated to be an active metalloproteinase, which may be involved in normal physiological and pathological processes such as cells migration, cell adhesion, cell-cell and cell-matrix interactions, and signal transduction. |
| Product Categories/Family for anti-ADAM19 antibody   | Cancer; Cell Biology; Signal transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| References                                           | Hancock, D.B., et al. Nat. Genet. 42(1):45-52(2010)<br>Styrkarsdottir, U., et al. Nat. Genet. 41(1):15-17(2009)<br>Chan, M.W., et al. Neoplasia 10(9):908-919(2008)<br>Tanabe, C., et al. Biochem. Biophys. Res. Commun. 352(1):111-117(2007)<br>Melenhorst, W.B., et al. Am. J. Transplant. 6(7):1673-1681(2006)<br>Kang, T., et al. J. Biol. Chem. 277(28):25583-25591(2002)                                                                                                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|           |          |
|-----------|----------|
| NCBI GI # | 15451844 |
|-----------|----------|

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| NCBI GeneID                      | 8728                                                                         |
| NCBI Accession #                 | NP_150377.1                                                                  |
| NCBI GenBank Nucleotide #        | NM_033274.4                                                                  |
| UniProt Accession #              | Q9H013; Q9BZL5; Q9UHP2                                                       |
| Molecular Weight                 | 104997                                                                       |
| NCBI Official Full Name          | disintegrin and metalloproteinase domain-containing protein 19 preproprotein |
| NCBI Official Synonym Full Names | ADAM metalloproteinase domain 19                                             |
| NCBI Official Symbol             | ADAM19                                                                       |
| NCBI Official Synonym Symbols    | MLTNB; FKSG34; MADDAM                                                        |
| NCBI Protein Information         | disintegrin and metalloproteinase domain-containing protein 19               |
| UniProt Protein Name             | Disintegrin and metalloproteinase domain-containing protein 19               |
| UniProt Gene Name                | <b>ADAM19</b>                                                                |
| UniProt Synonym Gene Names       | MLTNB; ADAM 19; MADDAM                                                       |
| UniProt Entry Name               | ADA19_HUMAN                                                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/adam19-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287067>