

## Mouse PAR4 Monoclonal Antibody | anti-PAR4 antibody

PAR4 antibody

|                               |                      |                                                                  |
|-------------------------------|----------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA106549</b> | HOST<br><b>Mouse</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry, ELISA</b> |
|-------------------------------|----------------------|------------------------------------------------------------------|

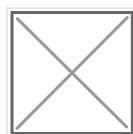
### PRODUCT SYNONYMS

PAR4; Monoclonal Antibody; PAR4 antibody; Monoclonal PAR4; Anti-PAR4; PAR 4; Prostate Apoptosis Response 4; PAR-4; anti-PAR4 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                            |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                                                                                                                                                      |
| Clonality                                      | Monoclonal                                                                                                                                                                                                                                 |
| Isotype                                        | IgG1                                                                                                                                                                                                                                       |
| Clone Number                                   | 3G9H7; 4H12E9                                                                                                                                                                                                                              |
| Form/Format                                    | Supplied as a liquid in ascitic fluid containing 0.03% sodium azide.                                                                                                                                                                       |
| Concentration                                  | 1.0 mg/ml (varies by lot)                                                                                                                                                                                                                  |
| Sequence Length                                | 385                                                                                                                                                                                                                                        |
| Applicable Applications for anti-PAR4 antibody | WB (Western Blot), IHC (Immunohistochemistry), ELISA                                                                                                                                                                                       |
| Biological Significance                        | PAR4 (for prostate apoptosis response) is a WT1-interacting protein that also functions as a transcriptional repressor. PAR4 contains a putative leucine zipper domain and is specifically upregulated during apoptosis of prostate cells. |
| Cross-Reactivity                               | Human                                                                                                                                                                                                                                      |
| Immunogen                                      | PAR4 antibody was raised in Mouse using a purified recombinant fragment of PAR4(aa1-330) expressed in E Coli as the immunogen.                                                                                                             |
| Preparation and Storage                        | Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.                                                                                                                |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human brain (left) and breast carcinoma (right), showing cytoplasmic and membrane localization using PAR4 antibody with DAB staining.



#### WB (Western Blot)

Western Blot showing PAR4 antibody used against full-length Trx-PAR4 recombinant protein (1) and Hela cell lysate (2).

### ADDITIONAL INFORMATION

|                                                    |                                |
|----------------------------------------------------|--------------------------------|
| Related Product Information for anti-PAR4 antibody | Mouse monoclonal PAR4 antibody |
| Product Categories/Family for anti-PAR4 antibody   | Cell Biology                   |

NCBI AND UNIPROT INFORMATION

|                                  |                                                  |
|----------------------------------|--------------------------------------------------|
| NCBI GI #                        | 89353783                                         |
| NCBI GeneID                      | 9002                                             |
| NCBI Accession #                 | NP_003941.2                                      |
| NCBI GenBank Nucleotide #        | NM_003950.2                                      |
| UniProt Accession #              | Q96RI0; O76067; Q6DK42                           |
| Molecular Weight                 | 41,133 Da                                        |
| NCBI Official Full Name          | proteinase-activated receptor 4                  |
| NCBI Official Synonym Full Names | coagulation factor II (thrombin) receptor-like 3 |
| NCBI Official Symbol             | F2RL3                                            |
| NCBI Official Synonym Symbols    | PAR4                                             |
| NCBI Protein Information         | proteinase-activated receptor 4                  |
| UniProt Protein Name             | Proteinase-activated receptor 4                  |
| UniProt Gene Name                | <b>F2RL3</b>                                     |
| UniProt Synonym Gene Names       | PAR4; PAR-4                                      |
| UniProt Entry Name               | PAR4_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/monoclonal/par4-antibody-clone-3g9h7-4h12e9-western-blot-immunohistochemistry-elisa/106549>