

## Smad1 recombinant antibody

Smad1 Rabbit mAb

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                          |
|-----------|--------|--------------|-------------------------------------------------------|
| AAA315124 | Rabbit | Human, Mouse | Immunofluorescence, Immunocytochemistry, Western Blot |

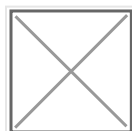
### PRODUCT SYNONYMS

Smad1; Monoclonal Recombinant Antibody; Smad1 Rabbit mAb; BSP-1; BSP1; Dwarf-A; Dwf-A; JV4-1; MADH1; MADR1; Mad-related protein 1; Mad1; SMAD1; Smad1 recombinant antibody

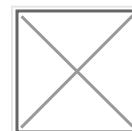
### PRODUCT SPECIFICATIONS

|                                                        |                                                                                                  |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Host                                                   | Rabbit                                                                                           |
| Reactivity                                             | Human, Mouse                                                                                     |
| Clonality                                              | Monoclonal                                                                                       |
| Isotype                                                | Rabbit IgG                                                                                       |
| Specificity                                            | Smad1 Antibody detects endogenous levels of total Smad1                                          |
| Purity/Purification                                    | Affinity-chromatography                                                                          |
| Form/Format                                            | Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Applicable Applications for Smad1 recombinant antibody | IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)                            |
| Immunogen                                              | A synthesized peptide derived from human Smad1                                                   |
| Preparation and Storage                                | Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.       |

### IMAGES



**IHC (Immunohistochemistry)**  
Immunohistochemical analysis of paraffin-embedded human kidney, using Smad1 Antibody.



**WB (Western Blot)**  
Western blot analysis of Smad1 expression in HeLa cell lysate.

### ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Smad1 recombinant antibody | Transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. SMAD1 is a receptor-regulated SMAD (R-SMAD). SMAD1/OAZ1/PSMB4 complex mediates the degradation of the CREBBP/EP300 repressor SNIP1. May act synergistically with SMAD4 and YY1 in bone morphogenetic protein (BMP)-mediated cardiac-specific gene expression. |
| Product Categories/Family for Smad1 recombinant antibody   | Recombinant Rabbit Monoclonal                                                                                                                                                                                                                                                                                                                                  |

### NCBI AND UNIPROT INFORMATION

|           |          |
|-----------|----------|
| NCBI GI # | 51173727 |
|-----------|----------|

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GeneID                      | 4086                                                                                                                                                                                                                                                            |
| NCBI Accession #                 | NP_001003688.1                                                                                                                                                                                                                                                  |
| NCBI GenBank Nucleotide #        | NM_001003688.1                                                                                                                                                                                                                                                  |
| UniProt Accession #              | Q15797; Q16636; A8KAJ0; D3DNZ9                                                                                                                                                                                                                                  |
| Molecular Weight                 | 52,260 Da                                                                                                                                                                                                                                                       |
| NCBI Official Full Name          | mothers against decapentaplegic homolog 1                                                                                                                                                                                                                       |
| NCBI Official Synonym Full Names | SMAD family member 1                                                                                                                                                                                                                                            |
| NCBI Official Symbol             | SMAD1                                                                                                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | BSP1; JV41; BSP-1; JV4-1; MADH1; MADR1                                                                                                                                                                                                                          |
| NCBI Protein Information         | mothers against decapentaplegic homolog 1; MAD homolog 1; Mad-related protein 1; TGF-beta signaling protein 1; mothers against DPP homolog 1; SMAD, mothers against DPP homolog 1; MAD, mothers against decapentaplegic homolog 1; transforming growth factor-b |
| UniProt Protein Name             | Mothers against decapentaplegic homolog 1                                                                                                                                                                                                                       |
| UniProt Gene Name                | <b>SMAD1</b>                                                                                                                                                                                                                                                    |
| UniProt Synonym Gene Names       | BSP1; MADH1; MADR1; MAD homolog 1; Mothers against DPP homolog 1; SMAD 1; Smad1; hSMAD1; BSP-1                                                                                                                                                                  |
| UniProt Entry Name               | SMAD1_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/smad1-recombinant-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/315124>