







## Smad4 Mouse mAb

Catalog No         YP-Ab-17791           Isotype         IgG1           Reactivity         Human,Mouse           Applications         WB,IHC-P,ICC/IF,FC           Gene Name         SMAD4           Alternative Names         SMAD4: DPC4: MADH4: Mothers against decapentaplegic homolog 4: MAD homolog 4: Mothers against DPP homolog 4: Deletion target in pancreatic carcinoma 4: SMAD family member 4: SMAD 4: Smad4: nSMAD4           Research Field         Signal Transduction           Product Categories         Primary antibody           Host         Mouse           Molecular Weight         Calculated MW: 60 kDa; Observed MW: 65 kDa           Clonality         Monoclonal Antibody           Clonality No.         588-F7-F3           Dilution         WB: 1/500-1/1000 IHC: 1/100-1/200 IF: 1/50-1/200 FC: 1/50-1/100           Immunogen         Purified recombinant fragment of human SMAD4 expressed in E. Coli.           Purification         Ascitic Fluid           Conjugation         Unconjugated           Modification         Unmodified           Form         Liquid           Buffer System         Ascitic fluid containing 0.03% sodium azide.           Concentration         1 mg/ml           Purity         ≥90%           Storage         Store at 4°C short term. Aliquot and		
Reactivity Human,Mouse  Applications WB,IHC-P,ICC/IF,FC  Gene Name SMAD4: DPC4: MADH4; Mothers against decapentaplegic homolog 4; MAD homolog 4; Mothers against DPP homolog 4; Deletion target in pancreatic carcinoma 4; SMAD family member 4; SMAD 4; Smad4; hSMAD4  Research Field Signal Transduction  Product Categories Primary antibody  Host Mouse Molecular Weight Calculated MW: 60 kDa; Observed MW: 65 kDa  Clonality Monoclonal Antibody  Clonality No. 5B8-F7-F3  Dilution WB: 1/500-1/1000 IHC: 1/100-1/200 IF: 1/50-1/200 FC: 1/50-1/100  Immunogen Purified recombinant fragment of human SMAD4 expressed in E. Coli.  Purification Ascitic Fluid  Conjugation Unconjugated  Modification Unmodified  Form Liquid  Buffer System Ascitic fluid containing 0.03% sodium azide.  Concentration 1 mg/ml  Purity ≥90%  Storage Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.  Background Smad4 transcription factor that mediates signal transduction by the transforming growth factor superfamily. The common smad (co-smad), Binds directly to consensus DNA-binding elements in the promoters of target genes. Promotes binding of the Smad2/Smad4/Fast-1 complex to DNA and provides an activation	Catalog No	YP-Ab-17791
Applications WB.IHC-P,ICC/IF,FC Gene Name SMAD4; DPC4; MADH4; Mothers against decapentaplegic homolog 4; MAD homolog 4; Mothers against DPP homolog 4; Deletion target in pancreatic carcinoma 4; SMAD family member 4; SMAD 4; Smad4; hSMAD4 Research Field Signal Transduction Product Categories Primary antibody Host Mouse Molecular Weight Calculated MW: 60 kDa; Observed MW: 65 kDa Clonality Monoclonal Antibody Clonality No. 588-F7-F3 Dilution WB: 1/500-1/1000 IHC: 1/100-1/200 IF: 1/50-1/200 FC: 1/50-1/100 Immunogen Purified recombinant fragment of human SMAD4 expressed in E. Coli. Purification Ascitic Fluid Conjugation Unconjugated Modification Unmodified Form Liquid Buffer System Ascitic fluid containing 0.03% sodium azide. Concentration 1 mg/ml Purity ≥90% Storage Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. Background SMAD4 in SMAD4 expressed jin Et ransforming growth factor superfamily. The common smad (co-smad). Binds directly to consensus DNA-binding elements in the promoters of target genes. Promotes binding of the Smad2/Smad4/Fast-1 complex to DNA and provise an activation	Isotype	IgG1
Gene Name SMAD4  Alternative Names SMAD4: DPC4; MADH4; Mothers against decapentaplegic homolog 4; MAD homolog 4; Mothers against DPP homolog 4; Deletion target in pancreatic carcinoma 4; SMAD family member 4; SMAD 4; Smad4; hSMAD4  Research Field Signal Transduction  Product Categories Primary antibody  Host Mouse Molecular Weight Calculated MW: 60 kDa; Observed MW: 65 kDa  Clonality Monoclonal Antibody  Clonality No. 5B8-F7-F3  Dilution WB: 1/500-1/1000 IHC: 1/100-1/200 IF: 1/50-1/200 FC: 1/50-1/100  Immunogen Purified recombinant fragment of human SMAD4 expressed in E. Coli.  Purification Ascitic Fluid  Conjugation Unconjugated  Modification Unmodified  Form Liquid  Buffer System Ascitic fluid containing 0.03% sodium azide.  Concentration 1 mg/ml  Purity ≥90%  Storage Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.  Background Smad4 transcription factor that mediates signal transduction by the transforming growth factor superfamily. The common smad (co-smad). Binds directly to consensus DNA-binding elements in the promoters of target genes. Promotes promotes an activation	Reactivity	Human,Mouse
Alternative Names   SMAD4; DPC4; MADH4; Mothers against decapentaplegic homolog 4; MAD homolog 4; Mothers against DPP homolog 4; Deletion target in pancreatic carcinoma 4; SMAD family member 4; SMAD 4; Smad4; hSMAD4  Research Field   Signal Transduction  Product Categories   Primary antibody   Host   Mouse   Molecular Weight   Calculated MW: 60 kDa; Observed MW: 65 kDa   Clonality   Monoclonal Antibody   Clonality   Monoclonal Antibody   Clonality No.   558-F7-F3   Dilution   WB: 1/500-1/1000 IHC: 1/100-1/200 IF: 1/50-1/200 FC: 1/50-1/100   Immunogen   Purified recombinant fragment of human SMAD4 expressed in E. Coli.   Purification   Ascitic Fluid   Conjugation   Unconjugated   Modification   Unmodified   Form   Liquid   Buffer System   Ascitic fluid containing 0.03% sodium azide.   Concentration   1 mg/ml   Purity   ≥90%   Storage   Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.   Background   Smad4 transcription factor that mediates signal transduction by the transforming growth factor superfamily. The common smad (co-smad). Binds directly to consensus DNA-binding elements in the promoters of target genes. Promotes provides an activation	Applications	WB,IHC-P,ICC/IF,FC
homolog 4: Mothers against DPP homolog 4; Deletion target in pancreatic carcinoma 4; SMAD family member 4; SMAD 4; Smad4; hSMAD4  Research Field Signal Transduction  Product Categories Primary antibody  Host Mouse  Molecular Weight Calculated MW: 60 kDa; Observed MW: 65 kDa  Clonality Monoclonal Antibody  Clonality No. 5B8-F7-F3  Dilution WB: 1/500-1/1000 IHC: 1/100-1/200 IF: 1/50-1/200 FC: 1/50-1/100  Immunogen Purified recombinant fragment of human SMAD4 expressed in E. Coli.  Purification Ascitic Fluid  Conjugation Unconjugated  Modification Unmodified  Form Liquid  Buffer System Ascitic fluid containing 0.03% sodium azide.  Concentration 1 mg/ml  Purity ≥90%  Storage Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.  Background Signal transduction by the transforming growth factor superfamily. The common smad (co-smad). Binds directly to consensus DNA-binding elements in the promoters of target genes. Promotes binding of the Smad2/Smad4/Fast-1 complex to DNA an activation	Gene Name	SMAD4
Product Categories         Primary antibody           Host         Mouse           Molecular Weight         Calculated MW: 60 kDa; Observed MW: 65 kDa           Clonality         Monoclonal Antibody           Clonality No.         5B8-F7-F3           Dilution         WB: 1/500-1/1000 IHC: 1/100-1/200 IF: 1/50-1/200 FC: 1/50-1/100           Immunogen         Purified recombinant fragment of human SMAD4 expressed in E. Coli.           Purification         Ascitic Fluid           Conjugation         Unconjugated           Modification         Unmodified           Form         Liquid           Buffer System         Ascitic fluid containing 0.03% sodium azide.           Concentration         1 mg/ml           Purity         ≥90%           Storage         Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.           Background         Smad4 transcription factor that mediates signal transduction by the transforming growth factor superfamily. The common smad (co-smad). Binds directly to consensus DNA-binding elements in the promotes of target genes. Promotes binding of the Smad2/Smad4/Fast-1 complex to DNA and provides an activation	Alternative Names	SMAD4; DPC4; MADH4; Mothers against decapentaplegic homolog 4; MAD homolog 4; Mothers against DPP homolog 4; Deletion target in pancreatic carcinoma 4; SMAD family member 4; SMAD 4; Smad4; hSMAD4
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Molecular Weight       Calculated MW: 60 kDa; Observed MW: 65 kDa         Clonality       Monoclonal Antibody         Clonality No.       5B8-F7-F3         Dilution       WB: 1/500-1/1000 IHC: 1/100-1/200 IF: 1/50-1/200 FC: 1/50-1/100         Immunogen       Purified recombinant fragment of human SMAD4 expressed in E. Coli.         Purification       Ascitic Fluid         Conjugation       Unconjugated         Modification       Unmodified         Form       Liquid         Buffer System       Ascitic fluid containing 0.03% sodium azide.         Concentration       1 mg/ml         Purity       ≥90%         Storage       Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.         Background       Smad4 transcription factor that mediates signal transduction by the transforming growth factor superfamily. The common smad (co-smad). Binds directly to consensus DNA-binding elements in the promoters of target genes. Promotes binding of the Smad2/Smad4/Fast-1 complex to DNA and provides an activation	Product Categories	Primary antibody
Clonality Monoclonal Antibody Clonality No. 5B8-F7-F3 Dilution WB: 1/500-1/1000 IHC: 1/100-1/200 IF: 1/50-1/200 FC: 1/50-1/100 Immunogen Purified recombinant fragment of human SMAD4 expressed in E. Coli. Purification Ascitic Fluid Conjugation Unconjugated Modification Unmodified  Form Liquid Buffer System Ascitic fluid containing 0.03% sodium azide. Concentration 1 mg/ml Purity ≥90% Storage Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. Background Smad4 transcription factor that mediates signal transduction by the transforming growth factor superfamily. The common smad (co-smad). Binds directly to consensus DNA-binding elements in the promoters of target genes. Promotes binding of the Smad2/Smad4/Fast-1 complex to DNA and provides an activation	Host	Mouse
Clonality No.       5B8-F7-F3         Dilution       WB: 1/500-1/1000 IHC: 1/100-1/200 IF: 1/50-1/200 FC: 1/50-1/100         Immunogen       Purified recombinant fragment of human SMAD4 expressed in E. Coli.         Purification       Ascitic Fluid         Conjugation       Unconjugated         Modification       Unmodified         Form       Liquid         Buffer System       Ascitic fluid containing 0.03% sodium azide.         Concentration       1 mg/ml         Purity       ≥90%         Storage       Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.         Background       Smad4 transcription factor that mediates signal transduction by the transforming growth factor superfamily. The common smad (co-smad). Binds directly to consensus DNA-binding elements in the promoters of target genes. Promotes binding of the Smad2/Smad4/Fast-1 complex to DNA and provides an activation	Molecular Weight	Calculated MW: 60 kDa; Observed MW: 65 kDa
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	Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw



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matters needing attention

Avoid repeated freezing and thawing!

**Usage suggestions** 

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



