

**Product Name: Smad5 Rabbit Monoclonal Antibody****Catalog #: AMRe21160**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ELISA,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG,Kappa
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.3mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
<b>Purification</b>	Protein A

**Application**

<b>Dilution Ratio</b>	WB 1:2000-1:10000,IHC 1:200-1:1000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
<b>Molecular Weight</b>	Calculated MW:55kD;Observed MW:55kD

**Antigen Information**

<b>Gene Name</b>	SMAD5
<b>Alternative Names</b>	SMAD5;MADH5;Mothers against decapentaplegic homolog 5;MAD homolog 5;Mothers against DPP homolog 5;JV5-1;SMAD family member 5;SMAD 5;Smad5;hSmad5
<b>Gene ID</b>	4090.0
<b>SwissProt ID</b>	Q99717
<b>Immunogen</b>	A synthetic peptide corresponding to target protein

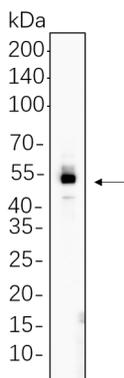
**Background**

Cell localization:Cytoplasm,Nucleus.The protein encoded by this gene is involved in the transforming growth factor beta

signaling pathway that results in an inhibition of the proliferation of hematopoietic progenitor cells. The encoded protein is activated by bone morphogenetic proteins type 1 receptor kinase, and may be involved in cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014],

## Research Area

## Image Data



C2C12 cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with Smad5 Rabbit Monoclonal Antibody 1:1000. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.