

# Anti-Smad5 (4B10) [4B10-B10-B6] Monoclonal Antibody

AGMB04191

## Description

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This Anti-Smad5 (4B10) [4B10-B10-B6] Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Product Information

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<b>SKU:</b>	AGMB04191
<b>Contents:</b>	20µl, 50µl, 100µl Bradford Reagent: 1 vial (2ml)
<b>Synonyms:</b>	DKFZp781C1895, DKFZp781O1323, Dwfc, hSmad 5, hSmad5, JV5 1, JV5-1, MAD homolog 5, MAD mothers against decapentaplegic homolog 5, MAD, mothers against decapentaplegic homolog 5, MADH 5, MADH5, Mothers against decapentaplegic homolog 5, Mothers against DPP homolog 5, MusMLP, SMA and MAD related protein 5, SMAD 5, SMAD family member 5, SMAD mothers against DPP homolog 5, Smad5, Smad5, SMAD5_HUMAN.
<b>Applications:</b>	<b>WB</b> <b>ICC/IF</b> <b>FC</b>
<b>Research Area:</b>	Signal Transduction
<b>Form:</b>	Liquid

## Antibody Data

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<b>Reactivity:</b>	Human
<b>Clone:</b>	4B10-B10-B6
<b>Clonality:</b>	Monoclonal Antibody
<b>SwissProt ID:</b>	Q99717

### Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

**Immunogen:** Purified recombinant human SMAD5 (C-terminus) protein fragments expressed in E.coli.

**Gene ID:** 4090

**Gene Name:** SMAD5

**Host Species:** Mouse

**Isotype:** IgG1

**Purification:** Affinity Purified

**Conjugated:** Unconjugated

**Modification:** Unmodified

**Molecular Weight:** Calculated MW: 52 kDa, Observed MW: 60 kDa

## Preparation & Storage

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**Storage:** Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.  
Store Bradford Reagent at Room Temperature for 1 Year.

**Storage Buffer:** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

<b>Antibody Dilution Ratio:</b>	<b>Application</b>	<b>Antibody Dilution Ratio</b>
	WB	1:500-1:1000
	IF	1:50-1:200
	FC	1:50-1:100

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol.