Mouse monoclonal antibody to human Smad4 (DPC4) [IMD-89]: IgG

Catalogue No.:	M-992-100
Description:	Smad proteins are important components of signal transduction by the TGF-beta superfamily from the cell surface into the nucleus. Once in the nucleus, Smad proteins target a number of DNA binding proteins to stimulate transcription. Smad4, also known as the common-mediator Smad (co-Smad), interacts with the receptor-regulated Smad proteins (R-SMAD). The R-SMAD class includes Smad2 and Smad3.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Recombinant full length human Smad4 (DPC4)
Clone:	IMD-89
Other Names:	Smad4; DPC4; co-Smad
Accession:	Q13485 SMAD4_HUMAN
Produced in:	Mouse
Purity:	IgG
Applications:	Western Blotting (WB). A concentration of 2.0-4.0 ug/mL is recommended for WB. Human Smad4 has a predicted length of 552 residues and a MW of 60 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB against the antigen.
Cross-reactivity:	Human
Form:	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3
Reconstitution:	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase

51 West Thebarton Road • Thebarton • South Australia 5031
Telephone + 61(0)8 8352 7711 • Email sales@biosensis.com • www.biosensis.com