

BAMBI Polyclonal Antibody Cy5 Conjugated

Catalog No: #C01990Cy5

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Description

Product Name	BAMBI Polyclonal Antibody Cy5 Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human BAMBI
Conjugates	Cy5
Target Name	BAMBI
Other Names	NMA; BMP and activin membrane-bound inhibitor homolog; Non-metastatic gene A protein; Putative transmembrane protein NMA; BAMBI
Accession No.	Swiss-Prot#:Q13145NCBI Gene ID:25805
Uniprot	Q13145
GeneID	25805;
Excitation Emission	625,650nm 670nm
Cell Localization	Extracellular
Concentration	1mg/ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

ICC=1:50-200 IF=1:50-200

Background

BAMBI is a membrane spanning glycoprotein that acts as a negative regulator of TGF-beta signaling during development. The BAMBI family of proteins are related to type I TGF-beta receptor family, however, BAMBI is a pseudoreceptor that lacks an intracellular serine threonine kinase domain. BAMBI transcription regulation is under the influence of beta-catenin, BMP, smad3 and smad4. BAMBI expression can increase in colorectal and hepatocellular carcinomas relative to non-cancerous tissues. BAMBI is expressed at high levels during odontogenesis. BAMBI is coexpressed with Bmp-4 during early *Xenopus* embryogenesis and can be detected in poorly metastatic human melanoma cell lines.

Note: This product is for in vitro research use only