



DSCAM Monoclonal Antibody

Catalog No	YP-mAb-06948
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB
Gene Name	DSCAM
Protein Name	Down syndrome cell adhesion molecule (CHD2)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	DSCAM Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	221kD
Cell Pathway	[Isoform Short]: Secreted .; [Isoform Long]: Cell membrane ; Single-pass type I membrane protein . Cell projection, axon . Cell projection, dendrite . Cell projection, growth cone . Cell junction, synapse . Localized in the soma, cell membrane, axon and growth cone of dissociated commissural axons. .
Tissue Specificity	Primarily expressed in brain.
Function	function:Cell adhesion molecule that can mediate cation-independent homophilic binding activity. Could be involved in nervous system development.,similarity:Contains 10 Ig-like C2-type (immunoglobulin-like) domains.,similarity:Contains 6 fibronectin type-III domains.,tissue specificity:Primarily expressed in brain.,
Background	This gene is a member of the immunoglobulin superfamily of cell adhesion molecules (Ig-CAMs), and is involved in human central and peripheral nervous system development. This gene is a candidate for Down syndrome and congenital heart disease (DSCHD). A gene encoding a similar Ig-CAM protein is located on chromosome 11. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Oct 2012],

**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