



# DEN1A mouse mAb

<b>Catalog No</b>	BYmab-11725
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	DENND1A FAM31A KIAA1608
<b>Protein Name</b>	DEN1A
<b>Immunogen</b>	Synthesized peptide derived from human DEN1A AA range: 14-64
<b>Specificity</b>	This antibody detects endogenous levels of DEN1A at Human/Mouse
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	
<b>Cell Pathway</b>	Cytoplasmic vesicle, clathrin-coated vesicle membrane ; Peripheral membrane protein . Cell junction, synapse, presynaptic cell membrane . Associates to membranes via lipid-binding activity. .
<b>Tissue Specificity</b>	
<b>Function</b>	function:May be involved in the clathrin-mediated endocytosis of synaptic vesicles.,similarity:Contains 1 dDENN domain.,similarity:Contains 1 DENN domain.,similarity:Contains 1 uDENN domain.,subunit:Interacts with AP2B1, ITSN1 AND SH3GL2.,
<b>Background</b>	Clathrin (see MIM 118955)-mediated endocytosis is a major mechanism for internalization of proteins and lipids. Members of the connectdenn family, such as DENND1A, function as guanine nucleotide exchange factors (GEFs) for the early endosomal small GTPase RAB35 (MIM 604199) and bind to clathrin and clathrin adaptor protein-2 (AP2; see MIM 601024). Thus, connectdenns link RAB35 activation with the clathrin machinery (Marat and McPherson, 2010 [PubMed

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20154091]).[supplied by OMIM, Nov 2010],

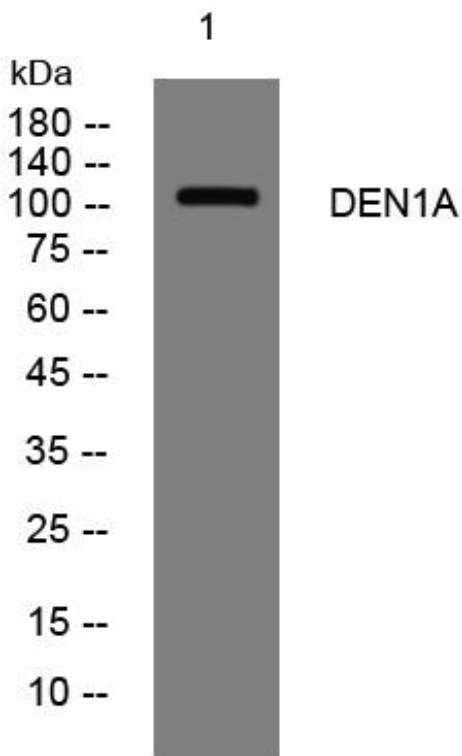
**matters needing attention**

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



Western Blot analysis of various cells using DEN1A mouse mAb

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