



# RAI14 mouse mAb

<b>Catalog No</b>	BYmab-17971
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	RAI14 KIAA1334 NORPEG
<b>Protein Name</b>	Ankycorbin (Ankyrin repeat and coiled-coil structure-containing protein) (Novel retinal pigment epithelial cell protein) (Retinoic acid-induced protein 14)
<b>Immunogen</b>	Synthesized peptide derived from human RAI14
<b>Specificity</b>	This antibody detects endogenous levels of RAI14 at Human, Mouse,Rat
<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>	108kD
<b>Cell Pathway</b>	Cytoplasm, cytoskeleton . Cytoplasm, cytoskeleton, stress fiber . Cytoplasm, cell cortex . Cell junction . Nucleus . Associated with the cortical actin cytoskeleton structures in terminal web and cell-cell adhesion sites (By similarity). Highly expressed at the ectoplasmic specialization, an actin-rich cell junction specific to the testis (By similarity). Predominantly nuclear in nonconfluent cells (PubMed:16729964). .
<b>Tissue Specificity</b>	Highly expressed in placenta, muscle, kidney and testis. Moderately expressed in heart, brain, lung, liver and intestine. Isoform 2 is widely expressed and expressed in fetal and adult testes, and spermatozoa.
<b>Function</b>	Plays a role in actin regulation at the ectoplasmic specialization, a type of cell junction specific to testis. Important for establishment of sperm polarity and normal spermatid adhesion. May also promote integrity of Sertoli cell tight junctions at the blood-testis barrier.

**Nanjing BYabscience technology Co.,Ltd**



## Background

### 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

Nanjing BYabscience technology Co.,Ltd

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