# .-online.com antibodies

# Datasheet for ABIN307172 anti-MAG antibody (C-Term)

2 Images



#### Overview

Quantity:	50 µg
Target:	MAG
Binding Specificity:	C-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAG antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunoprecipitation (IP), Immunofluorescence (IF)

## Product Details

IHC-plus™
Human S/L-MAG fusion protein with a C-terminal region insert.
Type of Immunogen: Fusion protein
Reacts with the shared C-terminal region of the small and large myelin-associated glycoprotein.
Immunoaffinity purified
MAG
MAG (MAG Products)

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Target Details	
Background:	Name/Gene ID: MAG
	Family: CEA
	Synonyms: MAG, GMA, Myelin associated glycoprotein, S-MAG, SIGLEC4A, SIGLEC-4A, Myelin-
	associated glycoprotein
Gene ID:	4099
UniProt:	P20916
Pathways:	Neurotrophin Signaling Pathway
Application Details	
Application Notes:	Approved: IF, IHC, IHC-P (5 μg/mL), IP, WB (1 - 3 μg/mL)
	Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry
	on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced
	antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were
	incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin
	and chromogen. The stained slides were evaluated by a pathologist to confirm staining
	specificity. The optimal working concentration for this antibody was determined to be 5 $\mu$ g/mL.
	Immunoprecipitation: 1-3 $\mu$ g/IP reaction. Immunofluorescence: 10-30 $\mu$ g/ul. Positive control:
	Rat brain homogenates.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.1 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid freeze-thaw cycles.

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#### Handling

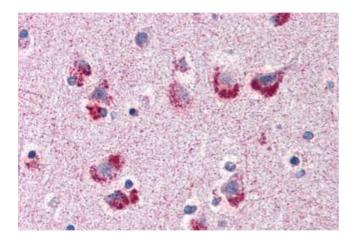
Storage:

4 °C,-20 °C

Storage Comment:

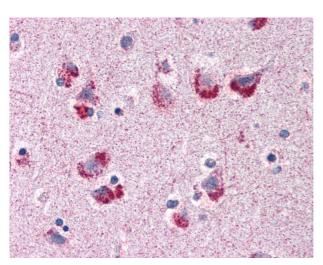
Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.

#### Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Human Brain, Cortex (formalin-fixed, paraffinembedded) stained with MAG antibody ABIN307172 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatasestreptavidin and chromogen.



#### Immunohistochemistry

**Image 2.** Anti-MAG antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffinembedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

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