

Datasheet for ABIN7428050
anti-Major Basic Protein antibody (AA 80-219)



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4 Images

Overview

Quantity:	100 µL
Target:	Major Basic Protein
Binding Specificity:	AA 80-219
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Major Basic Protein antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Major Basic Protein (MBP)
Immunogen:	Recombinant Major Basic Protein (MBP) corresponding to Gly80~Lys219 (Accession # Q63189) with N-terminal His and GST Tag
Clone:	C3
Isotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against MBP. It has been selected for its ability to recognize MBP in immunohistochemical staining and western blotting.
Cross-Reactivity:	Guinea Pig
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	Major Basic Protein
Abstract:	Major Basic Protein Products
Background:	PRG2, BMPG, Proteoglycan 2, Bone Marrow, Natural Killer Cell Activator, Eosinophil Granule Major Basic Protein, Proteoglycan 2, Bone Marrow, Pregnancy-associated major basic

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

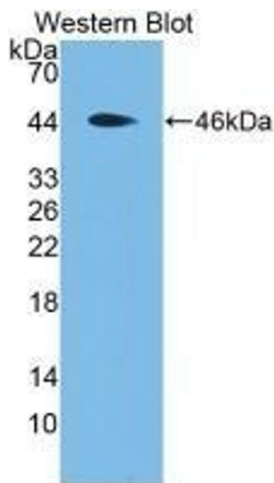
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of MBP in Porcine Cerebrum lysate using Monoclonal Antibody to Major Basic Protein (MBP)



Western Blotting

Image 2. Detection of Recombinant MBP, Rat using Monoclonal Antibody to Major Basic Protein (MBP)



Western Blotting

Image 3. Detection of MBP in Rat Cerebrum lysate using Monoclonal Antibody to Major Basic Protein (MBP)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7428050.