

## Datasheet for ABIN7644264 **anti-PDE4B antibody**



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### Overview

Quantity:	100 µL
Target:	PDE4B
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PDE4B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

### Product Details

Purpose:	Monoclonal Antibody to Phosphodiesterase 4B, cAMP Specific (PDE4B)
Immunogen:	RPF642Ra01 Recombinant Phosphodiesterase 4B, cAMP Specific (PDE4B)
Clone:	C11
Specificity:	The antibody is a mouse monoclonal antibody raised against PDE4B. It has been selected for its ability to recognize PDE4B in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

### Target Details

Target:	PDE4B
Alternative Name:	PDE4B ( <a href="#">PDE4B Products</a> )

## Target Details

Background:	DPDE4, PDE32, Duncce(Drosophila)Homolog Phosphodiesterase E4, cAMP-specific 3',5'-cyclic phosphodiesterase 4B
UniProt:	<a href="#">P14646</a>
Pathways:	<a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">cAMP Metabolic Process</a> , <a href="#">Myometrial Relaxation and Contraction</a>

## 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
Concentration:	1 mg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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.