

Datasheet for ABIN1845414
anti-PDE1B antibody (AA 370-536)



[Go to Product page](#)

6 Images

Overview

Quantity:	100 µL
Target:	PDE1B
Binding Specificity:	AA 370-536
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PDE1B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human PDE1B (AA: 370-536) expressed in E. coli.
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	PDE1B
Alternative Name:	PDE1B (PDE1B Products)
Background:	The protein encoded by this gene belongs to the cyclic nucleotide phosphodiesterase (PDE) family, and PDE1 subfamily. Members of the PDE1 family are calmodulin-dependent PDEs that are stimulated by a calcium-calmodulin complex. This PDE has dual-specificity for the second messengers, cAMP and cGMP, with a preference for cGMP as a substrate. cAMP and cGMP

Target Details

function as key regulators of many important physiological processes. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Molecular Weight: 61.4 kDa

Gene ID: 5153

Pathways: [Neurotrophin Signaling Pathway](#), [cAMP Metabolic Process](#), [G-protein mediated Events](#), [Interaction of EGFR with phospholipase C-gamma](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.0 mg/mL

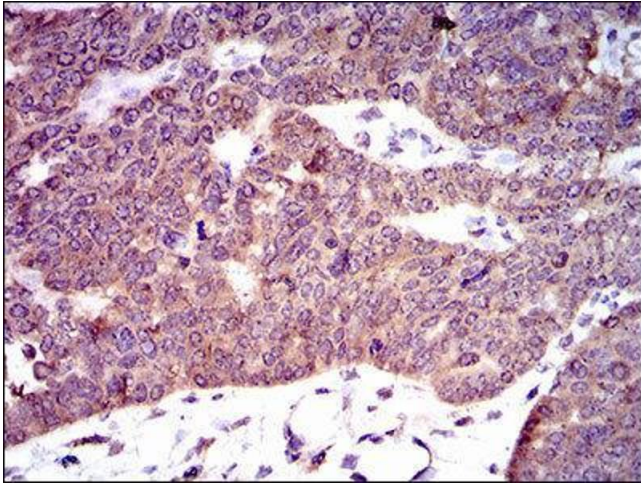
Buffer: PBS with 0.05 % sodium azide and 0.5 % protein stabilizer.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

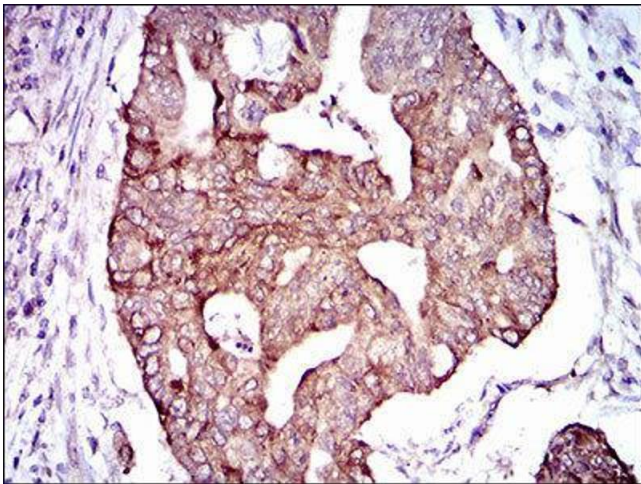
Storage: -20 °C

Storage Comment: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.



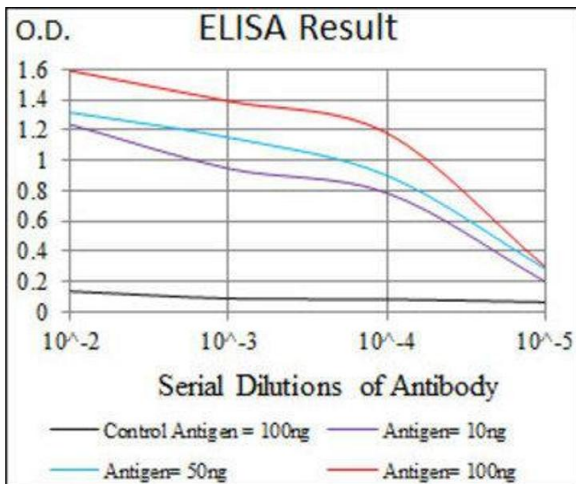
Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2.



ELISA

Image 3.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN1845414.