



Anti-PDE2A monoclonal antibody, clone 6E0 (DCABH-606)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to PDE2A
Antigen Description	Cyclic nucleotide phosphodiesterase with a dual-specificity for the second messengers cAMP and cGMP, which are key regulators of many important physiological processes.
Immunogen	Recombinant full length Human PDE2A produced in HEK293T cells (NP_002590).
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	6E0
Purification	This antibody is purified from Mouse ascites fluids by affinity chromatography.
Conjugate	Unconjugated
Applications	WB, Flow Cyt
Positive Control	HEK293T cells and cell lysate transfected with pCMV6-ENTRY PDE2A.
Format	Liquid
Size	100 µl
Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 1% BSA, 50% Glycerol
Preservative	0.02% Sodium Azide

Storage store at -20°C. Avoid repeated freeze / thaw cycles.

Ship Shipped at 4°C.

GENE INFORMATION

Gene Name	PDE2A phosphodiesterase 2A, cGMP-stimulated [Homo sapiens]
Official Symbol	PDE2A
Synonyms	PDE2A; phosphodiesterase 2A, cGMP-stimulated; cGMP-dependent 3,5-cyclic phosphodiesterase; cGMP-stimulated phosphodiesterase 1; cGMP-stimulated phosphodiesterase 4; cyclic GMP-stimulated phosphodiesterase; PDE2A1; PED2A4; cGSPDE; CGS-PDE;
Entrez Gene ID	5138
Protein Refseq	NP_001137311
UniProt ID	O00408
Chromosome Location	11q13.1-q14.1
Pathway	G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; Hemostasis, organism-specific biosystem; Morphine addiction, organism-specific biosystem; Morphine addiction, conserved biosystem; Nitric oxide stimulates guanylate cyclase, organism-specific biosystem; Platelet homeostasis, organism-specific biosystem;
Function	3,5-cyclic-nucleotide phosphodiesterase activity; TPR domain binding; cAMP binding; cGMP binding; cGMP binding; cGMP-stimulated cyclic-nucleotide phosphodiesterase activity; calcium channel activity; cyclic-nucleotide phosphodiesterase activity; drug bind