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Product datasheet for TA502321M

PDE2A Mouse Monoclonal Antibody [Clone ID: OTI4H8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4H8
Applications:	FC, WB
Recommended Dilution:	WB 1:2000, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human PDE2A (NP_002590) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.94 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	105.5 kDa
Gene Name:	phosphodiesterase 2A
Database Link:	NP_002590 Entrez Gene 81743 RatEntrez Gene 207728 MouseEntrez Gene 5138 Human O00408
Synonyms:	CGS-PDE; cGSPDE; PDE2A1; PED2A4
Protein Families:	Druggable Genome
Protein Pathways:	Progesterone-mediated oocyte maturation, Purine metabolism

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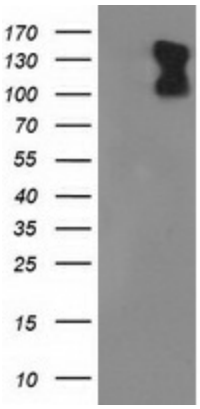
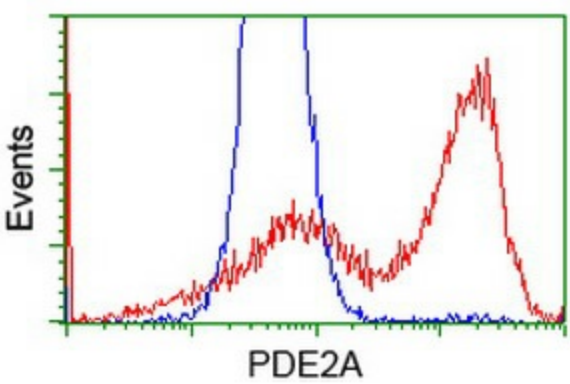
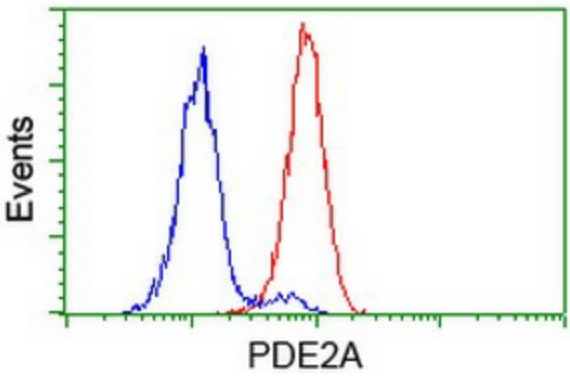
Product images:



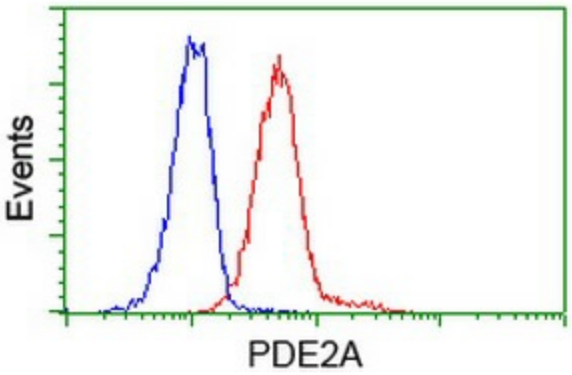
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PDE2A ([RC207219], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PDE2A. Positive lysates [LY419215] (100ug) and [LC419215] (20ug) can be purchased separately from OriGene.



HEK293T cells transfected with either [RC207219] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PDE2A antibody ([TA502321]), and then analyzed by flow cytometry.



Flow cytometric Analysis of Hela cells, using anti-PDE2A antibody ([TA502321]), (Red), compared to a nonspecific negative control antibody, (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-PDE2A antibody ([TA502321]), (Red), compared to a nonspecific negative control antibody, (Blue).