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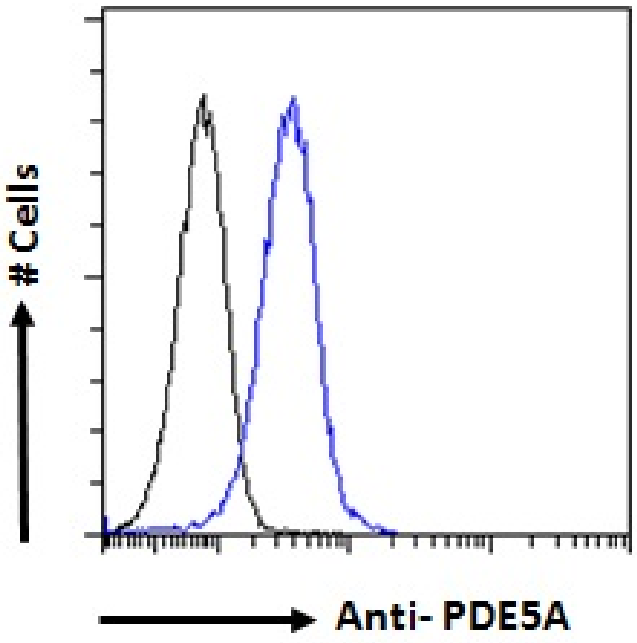
GOAT ANTI-PDE5A ANTIBODY

SKU: EB06645



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	cGMP-binding cGMP-specific 3\1, 5\1-cyclic nucleotide phosphodiesterase|phosphodiesterase 5A, cGMP-specific|CGB-PDE|PDE5A1|PDE5|CN5A|PDE5A
Usage Summary	Immunofluorescence: Strong expression of the protein seen in the cytoplasm of HeLa cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of HEK293 cells. Recommended concentration: 10ug/ml.
Accession ID	NP_001074.2; NP_246273.2; NP_236914.2; (NP_237223)
Blocking Peptide	EBP06645
Immunogen	Peptide with sequence C-LINGESGQAKRN, from the C Terminus of the protein sequence according to NP_001074.2; NP_246273.2; NP_236914.2; (NP_237223).

Product Comments	This antibody is expected to recognise reported isoforms NP_001074.2, NP_236914.2 and NP_246273.2.
Peptide Sequence	C-LINGESGQAKRN
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Rat, Dog, Cow
Reactive Species	Human
Human Gene ID	8654
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:16000.
Western Blot	In transfected HEK293 transiently expressing PDE5A isoform 2 a band of approx. 95kDa is observed. This band is not observed in the non-transfected HEK293 (calculated MW of 94.8kDa according to isoform 2, NP_236914.2). Recommended concentration: 0.3-1µg/ml.
Application Type	Pep-ELISA, WB-Trf, IF, FC

GALLERY IMAGES

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