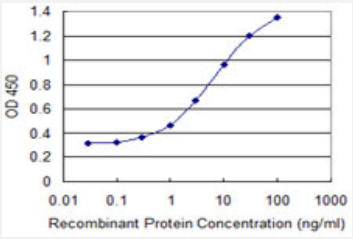
PDE4C monoclonal antibody (M02), clone 4E5

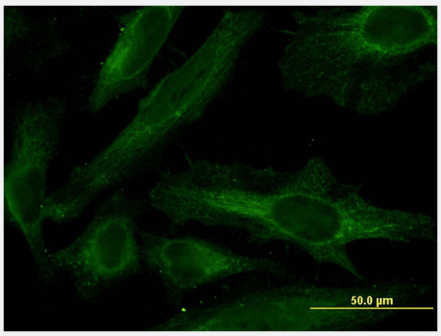
Catalog # H00005143-M02 Size 100 ug

Applications



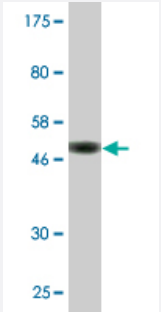
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PDE4C is 0.1 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to PDE4C on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PDE4C.

Immunogen	PDE4C (NP_000914, 1 a.a. ~ 99 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MENLGVGEGAEACSRLSRSRGRHSMTRAPKHLWRQPRRPIRIQQRFYSDPDKSAGCRERDLSP RPELRKSRLSWPVSSCRRFDLENGLSCGRRALDPQS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (57); Rat (61)
Isotype	IgG3 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  Protocol Download

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged PDE4C is 0.1 ng/ml as a capture antibody.

  Protocol Download

- ELISA

- Immunofluorescence

  Immunofluorescence of monoclonal antibody to PDE4C on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — PDE4C

Entrez GeneID	5143
GeneBank Accession#	NM_000923

Protein Accession#	NP_000914
Gene Name	PDE4C
Gene Alias	DPDE1, MGC126222
Gene Description	phosphodiesterase 4C, cAMP-specific (phosphodiesterase E1 dunce homolog, Drosophila)
Omim ID	600128
Gene Ontology	Hyperlink
Gene Summary	cAMP-specific (phosphodiesterase E1 dunce homolog
Other Designations	dunce|phosphodiesterase 4C, cAMP-specific

Pathway

- Purine metabolism

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema