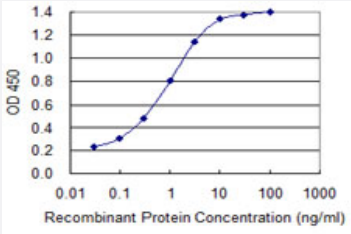
DPYSL2 monoclonal antibody (M01), clone 1F11

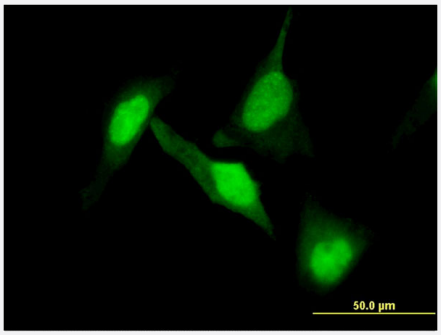
Catalog # H00001808-M01 Size 100 ug

Applications



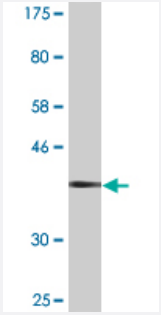
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DPYSL2 is 0.03 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to DPYSL2 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.96 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant DPYSL2.

Immunogen	DPYSL2 (NP_001377.1, 470 a.a. ~ 571 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PRKPFPDFVYKRIKARSRLAELRGVPRGLYDGPVCEVSVTPKTVTPASSAKTSPAKQQAPPVRNLHQSGFSLSGAQIDDNIPRRTTQRIVAPPGGRANITSL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100); Rat (100)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.96 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 DPYSL2 is 0.03 ng/ml as a capture antibody.

  Protocol Download

- ELISA

- Immunofluorescence

  Immunofluorescence of monoclonal antibody to DPYSL2 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — DPYSL2

Entrez GeneID	1808
GeneBank Accession#	NM_001386

Protein Accession#	NP_001377.1
Gene Name	DPYSL2
Gene Alias	CRMP2, DHPRP2, DRP-2, DRP2
Gene Description	dihydropyrimidinase-like 2
Omim ID	602463
Gene Ontology	Hyperlink
Other Designations	collapsin response mediator protein hCRMP-2|dihydropyrimidinase-like 2 long form

Publication Reference

- Quantitative Proteome Analysis of Pluripotent Cells by iTRAQ Mass Tagging Reveals Post-transcriptional Regulation of Proteins Required for ES Cell Self-renewal.

  O'Brien RN, Shen Z, Tachikawa K, Lee PA, Briggs SP.

  Mol Cell Proteomics 2010 May; 9:2238.

  Application: WB-Ce, Mouse, 129/SvEv mouse ES cells

Pathway

- Axon guidance

Disease

- Bipolar Disorder
- Genetic Predisposition to Disease
- Schizophrenia
- Tobacco Use Disorder