

DPYSL5 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant DPYSL5.

Catalog # AT1818a

Specification

DPYSL5 Antibody (monoclonal) (M02) - Product Information

Application	WB, E
Primary Accession	O9BPU6
Other Accession	NM_020134
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	61421

DPYSL5 Antibody (monoclonal) (M02) - Additional Information

Gene ID 56896

Other Names

Dihydropyrimidinase-related protein 5, DRP-5, CRMP3-associated molecule, CRAM, Collapsin response mediator protein 5, CRMP-5, UNC33-like phosphoprotein 6, ULIP-6, DPYSL5, CRMP5, ULIP6

Target/Specificity

DPYSL5 (NP_064519, 466 a.a. ~ 564 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

DPYSL5 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

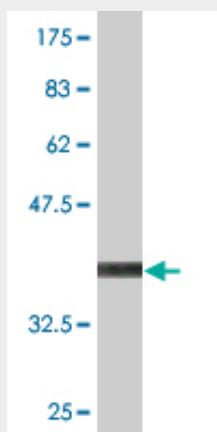
DPYSL5 Antibody (monoclonal) (M02) - Protocols

Provided below are standard protocols that you may find useful for product applications.

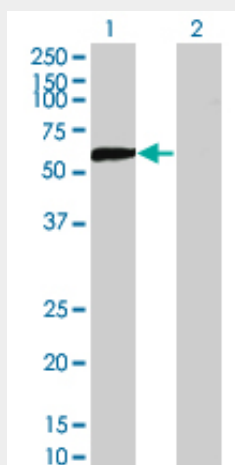
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DPYSL5 Antibody (monoclonal) (M02) - Images



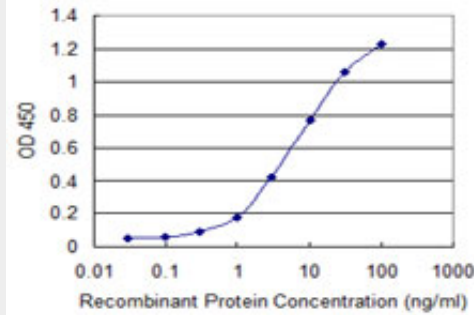
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 kDa) .



Western Blot analysis of DPYSL5 expression in transfected 293T cell line by DPYSL5 monoclonal antibody (M02), clone 2G4.

Lane 1: DPYSL5 transfected lysate(61.4 kDa).

Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged DPYSL5 is 0.1 ng/ml as a capture antibody.

DPYSL5 Antibody (monoclonal) (M02) - Background

Members of the CRMP family, such as DPYSL5, are believed to play a role in growth cone guidance during neural development.

DPYSL5 Antibody (monoclonal) (M02) - References

Onco-neural antibodies and tumour type determine survival and neurological symptoms in paraneoplastic neurological syndromes with Hu or CV2/CRMP5 antibodies. Honnorat J, et al. *J Neurol Neurosurg Psychiatry*, 2009 Apr. PMID 18931014. Extensive expression of collapsin response mediator protein 5 (CRMP5) is a specific marker of high-grade lung neuroendocrine carcinoma. Meyronet D, et al. *Am J Surg Pathol*, 2008 Nov. PMID 18769332. High-titer collapsin response-mediating protein-associated (CRMP-5) paraneoplastic optic neuropathy and Vitritis as the only clinical manifestations in a patient with small cell lung carcinoma. Margolin E, et al. *J Neuroophthalmol*, 2008 Mar. PMID 18347453. Autoimmune myelopathy associated with collapsin response-mediator protein-5 immunoglobulin G. Keegan BM, et al. *Ann Neurol*, 2008 Apr. PMID 18306241. A human protein-protein interaction network: a resource for annotating the proteome. Stelzl U, et al. *Cell*, 2005 Sep 23. PMID 16169070.