10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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	Q9BPU6
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

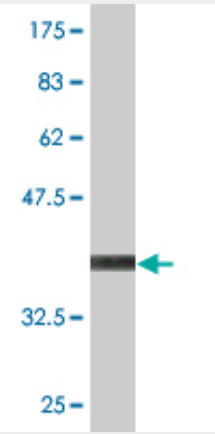
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

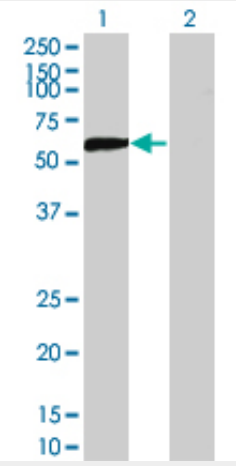
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DPYSL5 Antibody (monoclonal) (M02) - Images



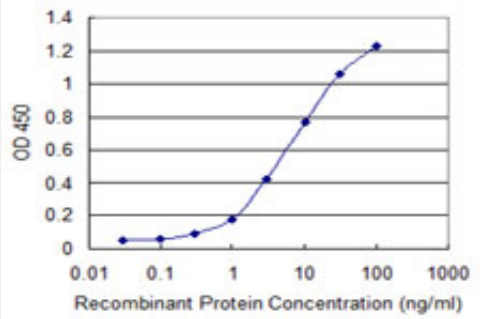
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .



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.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999



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.