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DYM Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant DYM.
Catalog # AT1833a

Specification

DYM Antibody (monoclonal) (M01) - Product Information

Application	**E**
Primary Accession	Q7RTS9
Other Accession	NM_017653
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**75935**

DYM Antibody (monoclonal) (M01) - Additional Information

Gene ID 54808

Other Names
Dymeclin, Dyggve-Melchior-Clausen syndrome protein, DYM

Target/Specificity
DYM (NP_060123, 343 a.a. ~ 430 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
E~~N/A

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
DYM Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

DYM Antibody (monoclonal) (M01) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

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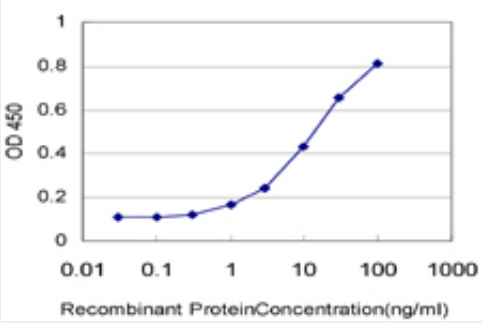
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DYM Antibody (monoclonal) (M01) - Images



Detection limit for recombinant GST tagged DYM is approximately 1ng/ml as a capture antibody.

DYM Antibody (monoclonal) (M01) - Background

This gene encodes a protein which is necessary for normal skeletal development and brain function. Mutations in this gene are associated with two types of recessive osteochondrodysplasia, Dyggve-Melchior-Clausen (DMC) dysplasia and Smith-McCort (SMC) dysplasia, which involve both skeletal defects and mental retardation.

DYM Antibody (monoclonal) (M01) - References

An association study between the dymeclin gene and schizophrenia in the Japanese population. Yazaki S, et al. J Hum Genet, 2010 Sep. PMID 20555340.The role of height-associated loci identified in genome wide association studies in the determination of pediatric stature. Zhao J, et al. BMC Med Genet, 2010 Jun 14. PMID 20546612.Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.The gene responsible for Dyggve-Melchior-Clausen syndrome encodes a novel peripheral membrane protein dynamically associated with the Golgi apparatus. Dimitrov A, et al. Hum Mol Genet, 2009 Feb 1. PMID 18996921.Genome-wide association analysis identifies 20 loci that influence adult height. Weedon MN, et al. Nat Genet, 2008 May. PMID 18391952.