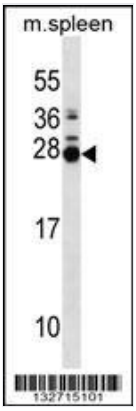
MOL2B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MOL2B, Polyclonal Antibody
Full Product Name	MOL2B, NT (MOB3B, MOBKL2B, MOB kinase activator 3B, Mob1 homolog 2b, Mps one binder kinase activator-like 2B) (APC)
Product Gene Name	anti-MOL2B antibody
Product Synonym Gene Name	MOBKL2B
Product Synonym Names	MOB3B; MOBKL2B; MOB kinase activator 3B; Mob1 homolog 2b; Mps one binder kinase activator-like 2B
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	25,464 Da
Chromosome Location	Chromosome: 9; NC_000009.11 (27325207..27529850, complement). Location: 9p21.2
3D Structure	ModBase 3D Structure for Q86TA1
Immunogen	MOL2B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human MOL2B.
Conjugate	APC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-MOL2B antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-MOL2B antibody	Western Blot (WB), FLISA
Application Notes for anti-MOL2B antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-MOL2B antibody	The protein encoded by this gene shares similarity with the yeast Mob1 protein. Yeast Mob1 binds Mps1p, a protein kinase essential for spindle pole body duplication and mitotic checkpoint regulation. This gene is located on the opposite strand as the interferon kappa precursor (IFNK) gene.
Product References and Citations for anti-MOL2B antibody	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010): Smith, N.L., et al. Circ Cardiovasc Genet 3(3):256-266(2010). Davila, S., et al. Genes Immun. 11(3):232-238(2010). Suarez-Gestal, M., et al. Arthritis Res. Ther. 12 (2), R72 (2010): van Es, M.A., et al. Nat. Genet. 41(10):1083-1087(2009).

Other Notes	Small volumes of anti-MOL2B antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for MOL2B purchase	MBS6321670 is an antibody targeting MOL2B. Also known as MOL2B, NT (MOB3B, MOBKL2B, MOB kinase activator 3B, Mob1 homolog 2b, Mps one binder kinase activator-like 2B) (APC). Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-MOL2B antibody
MOL2B Antibody (N-term) western blot analysis in mouse spleen tissue lysates (35ug/lane).This demonstrates the MOL2B antibody detected the MOL2B protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MOL2B. It may not necessarily be applicable to this product.

NCBI GI #	41350330
NCBI GeneID	79817
NCBI Accession #	NP_079037.3
UniProt Primary Accession #	Q86TA1
UniProt Secondary Accession #	Q8NEB4; Q9H8V4
UniProt Related Accession #	Q86TA1
GenBank Nucleotide #	NM_024761.4
NCBI Official Full Name	MOB kinase activator 3B
NCBI Official Synonym Full Names	MOB kinase activator 3B
NCBI Official Symbol	MOB3B
NCBI Official Synonym Symbols	MOB1D; C9orf35; MOBKL2B
UniProt Protein Name	MOB kinase activator 3B
UniProt Synonym Protein Names	Mob1 homolog 2b; Mps one binder kinase activator-like 2B
UniProt Gene Name	MOB3B
UniProt Synonym Gene Names	MOBKL2B
UniProt Entry Name	MOB3B_HUMAN
NCBI Protein Information	MOB kinase activator 3B; mob1 homolog 2b; mps one binder kinase activator-like 2B; MOB1, Mps One Binder kinase activator-like 2B; monopolar spindle 1 binding, MOB1, domain containing

UniProt Comments for MOL2B	MOBKL2B: May regulate the activity of kinases. Belongs to the MOB1/phocein family. Chromosomal Location of Human Ortholog: 9p21.2 Molecular Function: protein binding; metal ion binding
Research Articles on MOL2B	**1.** Observational study of gene-disease association, gene-environment interaction, and pharmacogenomic / toxicogenomic. (HuGE Navigator)
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