

Mouse IgM Kappa, clone MADNP-5
Catalog # ABD14487

Specification

Mouse IgM Kappa, clone MADNP-5 - Product Information

Application	E
Primary Accession	P01837
Other Accession	P01873 , P01872
Reactivity	Mouse
Isotype	IgM
Clone Names	MADNP-5
Calculated MW	11934

Mouse IgM Kappa, clone MADNP-5 - Additional Information

Other Names

Ig kappa chain C region, IGKC

Target/Specificity

Intended Use Target Species Mouse Product Form Purified monoclonal IgM - liquid Reconstitution Preparation Purified IgM prepared by affinity chromatography from tissue culture supernatant Preservative Stabilisers 0.1% Sodium Azide Purity Single band by agarose electrophoresis and immunoelectrophoresis. Approx. Protein Concentrations IgM concentration 1.0 mg/ml Reagents In The Kit Preparing The Antibody Test Principle Buffer Solution Phosphate buffered saline Storage Store at +4oC or at -20oC if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life 18 months from date of despatch. GO Terms GO:0000187 activation of MAPK activity Related reagents GO:0042571 immunoglobulin complex, circulating Related reagents GO:0043410 positive regulation of MAPKKK cascade Related reagents GO:0003823 antigen binding Related reagents GO:0050853 B cell receptor signaling pathway Related reagents GO:0019882 antigen processing and presentation Related reagents GO:0045807 positive regulation of endocytosis Related reagents GO:0050731 positive regulation of peptidyl-tyrosine phosphorylation Related reagents GO:0004888 transmembrane receptor activity Related reagents GO:0016021 integral to

Mouse IgM Kappa, clone MADNP-5 - References

1. Hayer, S. et al. (2008) B-cell infiltrates induce endosteal bone formation in inflammatory arthritis. *J Bone Miner Res.* 23: 1650-60.
2. Rohrer, J.W. et al. (2006) Identification of oncofetal antigen/immature laminin receptor protein epitopes that activate BALB/c mouse OFA/iLRP-specific effector and regulatory T cell clones. *J Immunol.* 176: 2844-56.

membraneRelated
reagentsGO:0009897external side of plasma
membraneRelated reagentsGO:0045022early
endosome to late endosome transportRelated
reagentsGO:0048471perinuclear region of
cytoplasmRelated
reagentsGO:0002455humoral immune
response mediated by circulating
immunoglobulinRelated
reagentsGO:0030890positive regulation of B
cell proliferationRelated
reagentsGO:0019815B cell receptor
complexRelated reagentsGO:0005515protein
bindingRelated
reagentsUniProtP01837Related
reagentsP01873Related
reagentsP01872Related reagentsEntrez
GeneIghmRelated reagentsIlgk-CRelated
reagentsAcknowledgementsRegulatoryFor
research purposes only

Precautions

Mouse IgM Kappa, clone MADNP-5 is for
research use only and not for use in
diagnostic or therapeutic procedures.

Mouse IgM Kappa, clone MADNP-5 - 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](#)