

Product datasheet for TA398012

OriGene Technologies, Inc.

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Rat IgM (mu chain) Antibody Alkaline Phosphatase Conjugated

Product data:

Product Type: Secondary Antibodies

Product Name: Rat IgM (mu chain) Antibody Alkaline Phosphatase Conjugated

Applications: ELISA, IHC, WB

Recommended Dilution: WB: 1:500 - 1:2,500

IHC: 1:200 - 1:1,000

ELISA: 1:10,000 - 1:30,000

Host: Goat

Immunogen: Rat IgM whole molecule

Formulation: 0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc

Chloride, 50% (v/v) Glycerol; pH 8.0

Concentration: 1.0 mg/mL - lot specific **Conjugation:** Alkaline Phosphatase

Storage: Store vial at 4° C before opening. DO NOT FREEZE. This product is stable at 4° C as an

undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase

conjugates will result in a substantial loss of enzymatic activity.

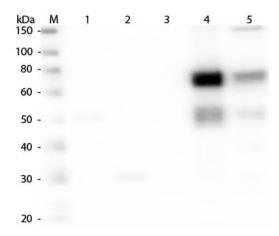
Note: Anti-Rat IgM Alkaline Phosphatase antibody has been tested by ELISA and dot blot and is

assayed against 1.0 ug of Rat IgM in a standard capture ELISA using pNPP p-nitrophenyl phosphate code # NPP-10 as a substrate for 30 minutes at room temperature. A working

dilution of 1:500 to 1:2,000 is suggested for this product.



Product images:



Western Blot of Anti-Rat IgM (mu chain) (GOAT) Antibody (p/n 612-1107). Lane M: 3 µl Molecular Ladder. Lane 1: Rat IgG whole molecule (p/n 012-0102). Lane 2: Rat IgG F(c) Fragment (p/n 012-0103). Lane 3: Rat IgG Fab Fragment (p/n 012-0105). Lane 4: Rat IgM Whole Molecule (p/n 012-0107). Lane 5: Rat Serum (p/n [D310-05]). All samples were reduced. Load: 50 ng per lane. Block: MB-070 for 30 min at RT. Primary Antibody: Anti-Rat IgM (mu chain) (GOAT) Antibody (p/n 612-1107) 1:1,000 for 60 min at RT. Secondary Antibody: Anti-Goat IgG (DONKEY) Peroxidase Conjugated Antibody (p/n CUST10) 1:40,000 in MB-070 for 30 min at RT. Predicted/Obsevered Size: 25 and 55 kDa for Rat IgG and Serum, 25 kDa for F(c) and Fab, 78 and 25 kDa for IgM. Rat F(c) migrates slightly higher.