

Rev04
Update: Oct,19,2022

DATASHEET

Mouse Anti-Human IgM mu Chain Antibody, mAb

Cat. No.: A02128

Overview

Specificity	GenScript Mouse Anti-Human IgM mu Chain Antibody, mAb reacts with μ (or mu) heavy chain of human IgM but not with human IgG (kappa or lambda), human IgA.
Host Species	Mouse
Immunogen	Human IgM mu chain
Species Reactivity	Not applicable
Conjugate	Unconjugated

Applications

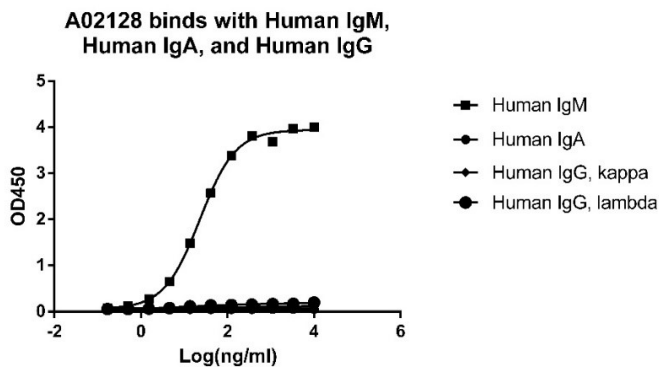
Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

Application	Recommended Usage
ELISA	0.01-1 $\mu\text{g/ml}$

Properties

Form	Liquid
Storage Buffer	50 mM Na-citrate, 150 mM NaCl, pH 7.0, containing 0.03% Proclin 300.
Concentration	1 mg/ml
Storage Instructions	Store at -20°C . This product is stable for 1 year upon receipt, when handled and stored as instructed. Avoid repeated freezing and thawing cycles.
Purification	Affinity chromatography
Isotype	Mouse IgG1
Clonality	Monoclonal

Examples



ELISA binding of Mouse Anti-Human IgM mu Chain Antibody, mAb (GenScript, A02128) with recombinant Human IgM, Human IgA, and Human IgG.

Coating concentration: 2 µg/ml.

Mouse Anti-Human IgM mu Chain Antibody, mAb (GenScript, A02128) dilution start from 10 µg/ml.

Background

Target Background : Immunoglobulin M (IgM) is one of several isotypes of antibodies (also known as immunoglobulin) that are produced by vertebrates. IgM is the largest antibody, and it is the first antibody to appear in the response to initial exposure to an antigen. Formed from covalently linking 5 immunoglobulins together. Anti-Human IgM mu chain antibody is ideal for investigators in Immunology, Microbiology, and Cell Biology.

Synonyms : Anti-Human IgM µ chain antibody, Anti-Human IgM mu heavy chain antibody.

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.