

# Recombinant Rabbit Anti-Human IgM Antibody

Catalog No: tcna4762



## Available Sizes

**Size:** 50ug

**Size:** 100ug



## Specifications

**Application:**

ICC, IHC, FACS, ELISA

**Species Reactivity:**

Human

**Host Species:**

Rabbit

**Immunogen / Amino acids:**

Human IgM was used as the immunogen for this recombinant Human IgM antibody.

**Conjugation:**

Biotin Conjugate

**Clonality:**

Recombinant Rabbit Monoclonal

**Clones:**

RM121

**Isotype:**

Rabbit IgG

**Form:**

Liquid

**Storage Buffer:**

1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide

#### Recommended Dilution:

ELISA: 50ng/well - 200ng/well (Capture); 0.05-0.2ug/ml (Detection)

Immunocytochemistry: 0.5-2ug/ml

Immunohistochemistry: 0.5-2ug/ml (1)The stated application concentrations are suggested starting points. Titration of the recombinant Human IgM antibody may be required due to differences in protocols and secondary/substrate sensitivity.

1. A pH6 Citrate buffer or pH9 Tris/EDTA buffer HIER step is recommended for testing of FFPE tissue sections.

#### Storage Instruction:

Store the recombinant Human IgM antibody at -20oC (with glycerol) or aliquot and store at -20oC (without glycerol).

#### SwissProt:

P01871

#### Gene ID:

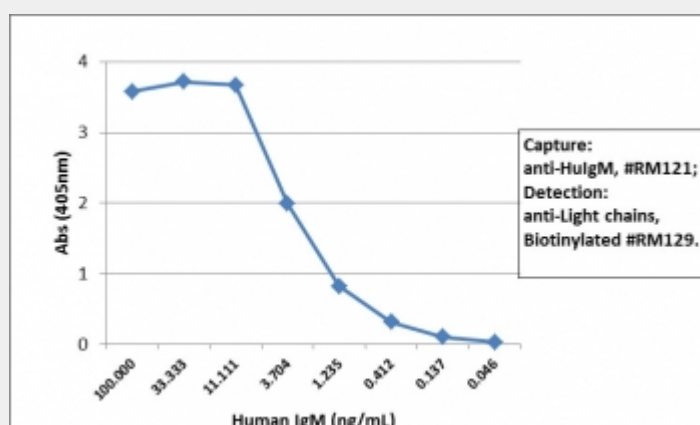
3507 (human);

## References

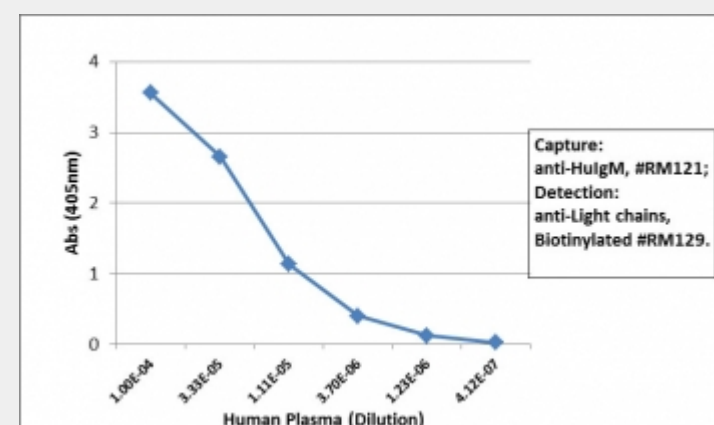
Biotin Conjugate

## Product Description

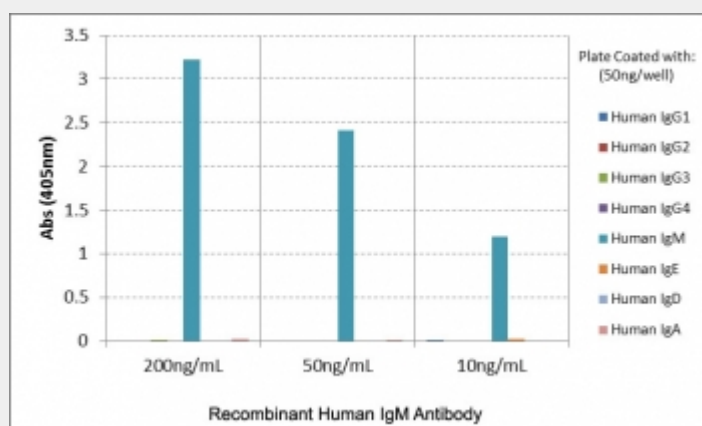
This recombinant Human IgM antibody reacts to the heavy chain of human IgM. No cross reactivity with human IgG, IgA, IgD, or IgE.



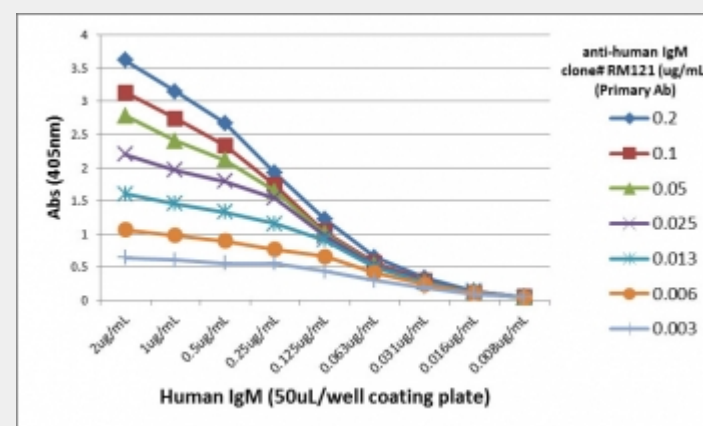
Sandwich ELISA of human IgM using the recombinant Human IgM antibody as the capture (100ng/well), and biotinylated [anti-human light chains \(, kappa+, lambda\) antibody RM129](#) as the detect, followed by an alkaline phosphatase conjugated streptavidin.



Sandwich ELISA of human plasma using the recombinant Human IgM antibody as the capture (100ng/well), and biotinylated [anti-human light chains \(, kappa+, lambda\) antibody RM129](#) as the detect, followed by an alkaline phosphatase conjugated streptavidin.



ELISA of human immunoglobulins shows the recombinant Human IgM antibody reacts only to human IgM. No cross reactivity with Human IgG, IgE, IgD, or IgA.



ELISA Titration: the plate was coated with different amounts of human IgM. A serial dilution of the recombinant Human IgM antibody was used as the primary and an alkaline phosphatase conjugated anti-rabbit IgG as the secondary.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!