

Rabbit Anti-Human IgG1 antibody [RM117]

Cat. No. GTX60862

| | |
|--------------|---|
| Host | Rabbit |
| Clonality | Monoclonal |
| Isotype | IgG |
| Applications | WB, ICC/IF, IHC-P, FCM, ELISA, Sandwich ELISA |
| Reactivity | Human |

Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|---|
| WB | Assay dependent |
| ICC/IF | 0.5µg/mL - 2µg/mL |
| IHC-P | 0.5µg/mL - 2µg/mL |
| FCM | Assay dependent |
| ELISA | 50ng/well - 200ng/well (for Capture) ; 0.05µg/mL - 0.2µg/mL (for Detection) |
| Sandwich ELISA | Assay dependent |

Note : Capture : GTX60862, Detection : GTX60920

Not tested in other applications.

Product Note

This antibody reacts to the heavy chain of human IgG1. RM117 does not cross react to any other IgG subclasses (IgG2, IgG3, or IgG4), and shows no cross reactivity to IgM, IgA, IgD, IgE. RM117 does not react to monkey (Cyno or Rhesus) IgG, mouse IgG, rat IgG, or goat IgG.

Properties

| | |
|---------------|--|
| Form | Liquid |
| Buffer | PBS, 1% BSA, 50% Glycerol |
| Preservative | 0.09% Sodium azide |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | Batch dependent (Please refer to the vial label for the specific concentration.) |
| Immunogen | Peptide corresponding to the hinge region of Human IgG1 |
| Purification | Protein A purified From tissue culture supernatant |



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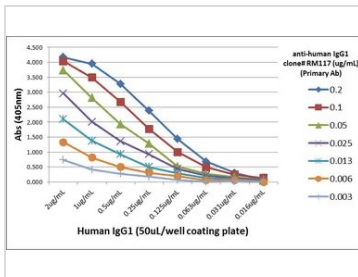
Conjugation

Unconjugated

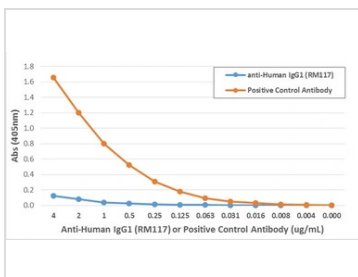
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Note

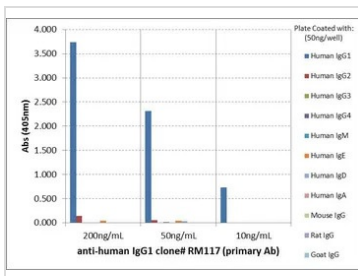
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DATA IMAGES

GTX60862 ELISA Image

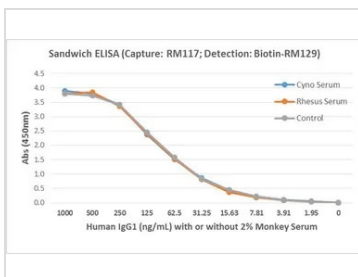
ELISA analysis of different amount of immunogen proteins using serial diluted GTX60862 Human IgG1 antibody [RM117].


GTX60862 ELISA Image

ELISA analysis of monkey IgG using GTX60862 Human IgG1 antibody [RM117] and positive control Anti-monkey IgG antibody. The result shows that the GTX60862 does not react to monkey IgG.


GTX60862 ELISA Image

ELISA analysis of human IgG1 using GTX60862 Human IgG1 antibody [RM117]. No cross reactivity to IgM, IgA, IgD, IgE, mouse IgG, rat IgG, or goat IgG.


GTX60862 ELISA Image

Sandwich ELISA analysis of human IgG1 in monkey serum using GTX60862 Human IgG1 antibody [RM117] as the capture antibody and GTX60920 Human Ig Light Chains antibody [RM129] (Biotin) as the detection antibody.



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