

Biotin Anti-Human Ig Light Chains, Rabbit Monoclonal Antibody

CATALOG NO.: A1794-50 50 µg.

BACKGROUND DESCRIPTION: Biotinylated Rabbit monoclonal to Human Immunoglobulin Light Chains.

ANTIBODY TYPE: Monoclonal

CLONE: RM129

CONCENTRATION: 1.0 mg/ml

HOST/ISOTYPE: Rabbit / Rabbit IgG.

IMMUNOGEN: Human IgG.

SPECIFICITY: RM129 reacts to both kappa and lambda light chains of human immunoglobulins. The antibody does not react to monkey (Cyno or Rhesus) IgG, mouse IgG, rat IgG, or goat IgG.

PURIFICATION: Protein A affinity purified from an animal origin-free culture supernatant.

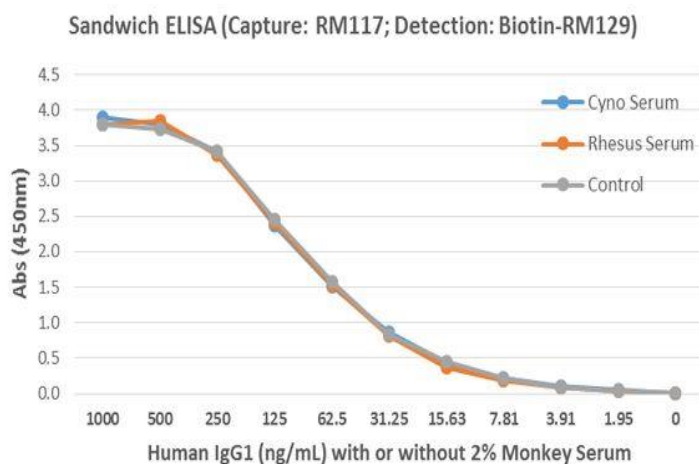
FORM: Liquid.

FORMULATION: 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide

SPECIES REACTIVITY: Human.

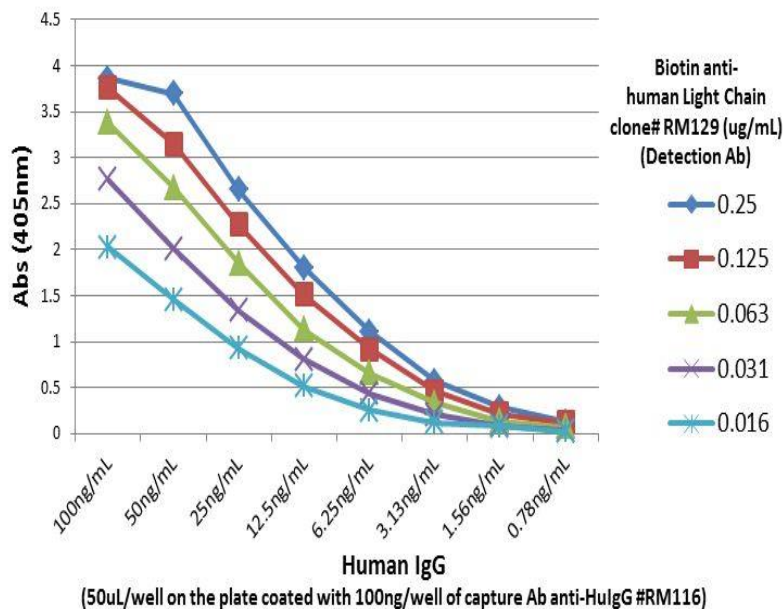
STORAGE CONDITIONS: Store at -20°C. Avoid repeated freeze / thaw cycles.

APPLICATIONS AND USAGE: Immunohistochemistry (IHC): 0.5 µg/ml -2 µg/ml.
Immunocytochemistry (ICC): 0.5 µg/ml -2 µg/ml.
ELISA: 0.02 µg/ml – 0.25 µg/ml.

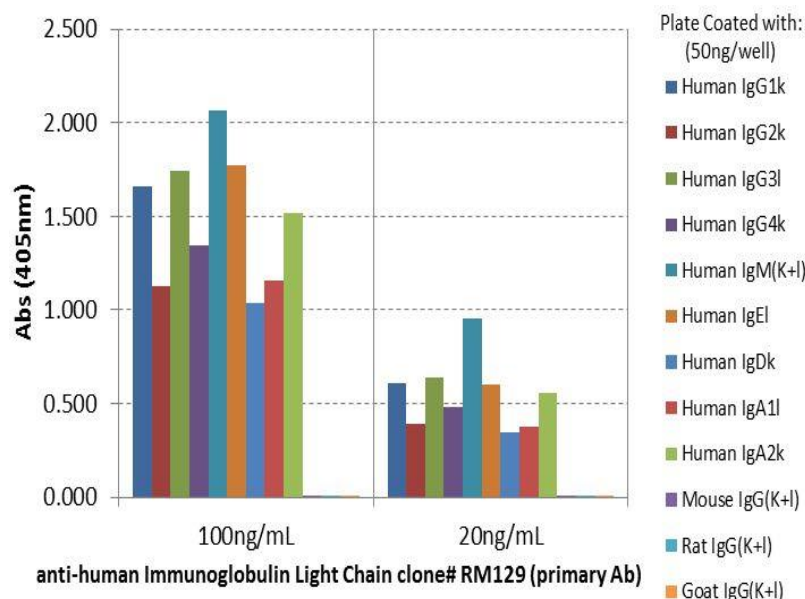


Detection of human IgG1 in monkey serum, using RM117 (capture) and biotin-RM129 (detection) as a Sandwich ELISA pair. HRP conjugated streptavidin and TMB were used to yield the colorimetric reaction.

05/19



A titer Sandwich ELISA using Biotinylated RM129 as the detection antibody. The plate, coated with the capture antibody anti-human IgG RM116, was loaded with different amounts of human IgG. A serial dilution of Biotin RM129 was used as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.



ELISA showing RM129 reacts only to kappa and lambda light chain of all human immunoglobulins, not to mouse IgG, rat IgG, or goat IgG.

RELATED PRODUCTS:

- Anti-human CD9 biotin conjugated antibody (Cat# A1501).
- Goat Anti-Rabbit IgG (H&L) Biotin (Cat# 6924).
- Anti-HA Tag (Biotin) Antibody (5E11D8) (Cat# A1282).
- Goat Anti-Mouse IgG (H&L) Biotin (Cat# 6918).
- EZLabel™ Antibody Biotin Labeling Kit (Cat# K834).

FOR RESEARCH USE ONLY! Not to be used on humans.

