

Rabbit Anti-Human IgG2 Fc (99-326 aa) antibody {HRP} (STJS001227)

GENERAL INFORMATION

Product Type	Secondary antibodies
Applications	ELISA
Host / Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

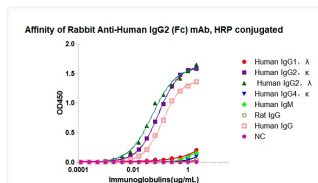
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	HRP
Purification	Affinity purification
Dilution Range	ELISA: 1:5000-1:10000
Formulation	PBS with 0.09% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Refer to figures
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene Symbol	IGHG2 Uniprot ID= IGHG2_HUMAN "
Immunogen Region	99-326 aa
Immunogen Sequence	ERKCCVCEPCPPAPPVAGPS VLFPPPKPDTLMISRTPEV TCVVVDVSHEDPEVQFNWYV DGVEVHNAKTKPREEQFNST FRVVSVLTVVHQDWLNGKEY KCKVSNKGLPAPIEKTISKTKGQPREPQVYTLPPSREEMT KNQVSLTCLVKGFYPSDYSV EWESNGQPENNYKTTTPMLDSDGSFFLYSKLTVDKSRWQQ GNVFSCSVMEALHNHYTQK SLSLSPEL
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 99-326 of human IgG2 (Fc) (P01859).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Dose response curve of HRP conjugated Rabbit Anti-Human IgG2 (Fc) mAb measured by ELISA. 1 µg/mL of various immunoglobulins were coated to 384-well plate. Blank wells without protein were used as negative control (NC). The coated plate was blocked and subsequently incubated with 25 µL of HRP conjugated Rabbit Anti-Human IgG2 (Fc) mAb in a 2 fold serial dilution from 2 µg/mL to 6.1*10⁻⁵ µg/mL, incubation was performed at room temperature for 1 hour. The ELISA result demonstrated that Rabbit Anti-Human IgG2 (Fc) has highly specific recognition of Human IgG2 while no or minimal cross reactivity to Human IgG1, Human IgG4, Human IgM, Rat IgG.