

Technical Data Sheet

Reagent: Baboon IgG Isotype Reference Reagent

Species: *P. anubis* IgG1 or IgG2 or IgG3 or IgG4

Description: Recombinant monoclonal Baboon immunoglobulin G1 or G2 or G3 or G4 expressed by transfected HEK293 cells

Concentration: 1.0 mg/ml

Aliquot size: 100 uL

Buffer: PBS, pH7.2

Storage: Store at 4° to 8° C

Characterization:

G1 ASTKGPSVFPLAPSSRSTSESTAALGCLVKDYFPEPVTVSWNSGSLTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGT
G2 ASTKGPSVFPLASSRSTSESTAALGCLVKDYFPEPVTVSWNSGALTNVHTFPAVLQSSGLYSLSSVVTVPSSSLGT
G3 ASTKGPSVFPLASSRSTSESTAALGCLVKDYFPPKPVTVSWNSGALTSVHTFPAVLQSSGLYSLSSVVTVPSSSLGT
G4 ASTKGPSVFPLASSRSTSESTAALGCLVKDYFPEPVTVSWNSGALTSVHTFPAVLQSSGLYSLSSVVTVPSSSLGT

G1 QTYTCNVNHKPSNTKVDKVEIKTCGGGSKPPTCPAPPELLGGPSVFLFPPPKPKDTLMISRTPEVTCVVDVDSQED
G2 QTYTCNVVHEPSNTKVDKRVGHPCRSTCPPCAELLAGPSVFLFPPPKPKDTLMISRTPEVTCVVDVDSQEDPDVKFNW
G3 QTYTCNVVHEPSNTRVDRVFEFTPCDDPTPPCLPCAPPELLGGPSVFLFPPPKPKDTLMISRTPEVTCVVDVDSQED
G4 QTYTCNVVHEPSNTKVDKRVFEFSGPNCPLCPPELLGGPSVFLYPPPKPKDTLMISRTPEVTCVVDVDSQEDPEVQFN

G1 PDVKFNWYVNGAEVHHAQTKPRETQYNSTYRVVSVLTVTHQDNLNGKEFTCKVSNKALPAPIQKTIKDKGQPREPQV
G2 YVNGVEVHHAQTKPREEQYNSTYRVVSVLTVTHQDNLNGKEFTCKVSNKALPAPIQKTIKDKGQPREPQVYTLPPSR
G3 EVQFNWYVDGVEVHHAQTKPRERQFNSTYRVVSVLTVTHQDNLNGKEYTCKVSNKALPAPIEKTIKAKGQPREPQVY
G4 WYVDGVEVHHAQTKPLERQFNSTYRVVSVLTVTHQDNLNGKEYTCKVSNKGLPAPVEKTIKAKGQPREPQVYTLPP

G1 YTLPPSREELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENTYKTTTPVLDSDGSYFLYSKLTVDKSRWQQGNVFS
G2 EELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENTYKTTTPVLDSDGSYFLYSKLTVDKSRWQQGNVFSVMEALH
G3 TLPSPREELTKNQVSLTCLIKGFYPSDIAVEWESNGQPENTYKTTTPVLDSDGSYFLYSKLTMDKSRWQQGNVFS
G4 PREELTKNQVTLTCLVTGFYPSDIAVEWESNGQPENTYKTTTPVLDSDGSYFLYSKLTVDKSRWQNPENVFSVMEALH

G1 VMHEALHNHYTQKLSVSPGK
G2 NHYTQKLSVSPGK
G3 MHEALHNHYTQKLSVSPGK
G4 LHNHYTQKLSVSPGK

References: Attanasio R, Jayashankar L, Engleman CN, Scinicariello, F. 2002. Baboon immunoglobulin constant region heavy chains: identification of four IGHG genes. Immunogenetics. 54(8):556-561.

For Research Use Only – All reagents are to be used in accordance with the terms of the Resource registration agreement.

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