Genomeditech (Shanghai) Co.,Ltd. Order: 021-68455258/50432826/50432825

Toll-free: 400 627 9288

Email: service@genomeditech.com

Anti-TROP2 hlgG1 Antibody(Hu2G10-5)

Product information

GM-52040AB-10 10 μg GM-52040AB-100 100 μg GM-52040AB-1000 1 mg

Antibody Information

Species Reactivity Human;
Clone Hu2G10-5

Source/Isotype Monoclonal human IgG1, κ

Application Flow cytometry
Specificity Detects TROP2

Gene TROP2

Other Names EGP-1, EGP1, GA733-1, GA7331, GP50, M1S1, TACSTD2

Gene ID 4070(human); 102127436(cynomolgus)

Background TROP2 is a carcinoma-associated antigen defined by the monoclonal

antibody GA733. This antigen is a member of a family including at least two type I membrane proteins. It transduces an intracellular calcium signal and acts as a cell surface receptor. Mutations of this gene result in gelatinous drop-like corneal dystrophy, an autosomal recessive disorder

characterized by severe corneal amyloidosis leading to blindness.

Storage Store at 2-8°C short term (1-2 weeks). Store at ≤ -20°C long term. Avoid

repeated freeze-thaw.

Formulation Phosphate-buffered solution, pH 7.2.

Endotoxin < 1 EU/mg, determined by LAL gel clotting assay

Version:3.2

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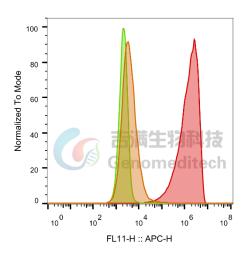
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Data Examples

Flow cytometry

H_TROP2 HEK-293 Cell Line was stained with Anti-TROP2 hlgG1 Antibody(Hu2G10-5) (Catalog # GM-52040AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.

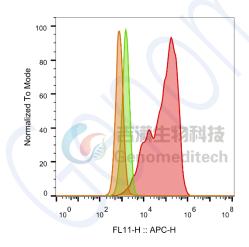


SampleID	Geometric Mean : FL11-H
HEK-293 anti-TROP2+APC-2nd	3913
HEK-293 H_TROP2 H_IgG+APC-2nd Ab	2152
HEK-293 H_TROP2 anti-TROP2+APC-2nd Ab	1.39E6

Fig. FACS

Flow cytometry

Cynomolgus_Trop2 CHO-K1 Cell Line was stained with Anti-TROP2 hlgG1 Antibody(Hu2G10-5) (Catalog # GM-52040AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.



SampleID	Geometric Mean : FL11-H
CHO-K1 anti-TROP2+APC-2nd	792
CHO-K1 Cyno_TROP2 H_IgG+APC-2nd Ab	1526
CHO-K1 Cyno_TROP2 anti-TROP2+APC-2nd Ab	70809
CHO-K1 Cyno_TROP2 anti-TROP2+APC-2nd Ab	708

Fig. FACS