

Anti-SLC44A4 Reference Antibody (ASG-5ME)

Recombinant Antibody
Catalog # APR10211

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q53GD3
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2SA
Calculated MW	79254

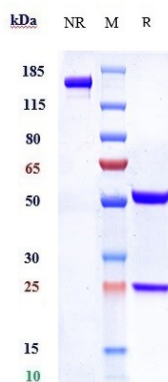
Additional Information

Target/Specificity	SLC44A4
Endotoxin Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

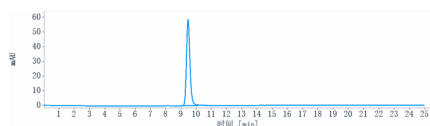
Protein Information

Name	SLC44A4 (HGNC:13941)
Function	Choline transporter that plays a role in the choline- acetylcholine system and is required to the efferent innervation of hair cells in the olivocochlear bundle for the maintenance of physiological function of outer hair cells and the protection of hair cells from acoustic injury (By similarity) (PubMed: 23651124 , PubMed: 28013291). Also described as a thiamine pyrophosphate transporter in colon, may mediate the absorption of microbiota- generated thiamine pyrophosphate and contribute to host thiamine (vitamin B1) homeostasis (PubMed: 24379411 , PubMed: 26741288).
Cellular Location	Membrane; Multi-pass membrane protein. Apical cell membrane
Tissue Location	Highly expressed in colon, also detected in prostate, trachea and lung (PubMed:24379411). Isoform 3 is also expressed in colon but a lower levels (PubMed:24379411)

Images



Anti-SLC44A4 Reference Antibody (ASG-5ME) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-SLC44A4 Reference Antibody (ASG-5ME) is more than 95%, determined by SEC-HPLC.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.