TMEM176A Antibody FITC Conjugated

Catalog No: #C02731F

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Description

Product Name	TMEM176A Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC IF
Species Reactivity	Hu Ms
Immunogen Description	KLH conjugated synthetic peptide aa 1-50 235 derived from human TMEM176A
Conjugates	FITC
Target Name	TMEM176A
Other Names	GS188; HCA112; Transmembrane protein 176A; Hepatocellular carcinoma-associated antigen 112; TMEM176A
Accession No.	Swiss-Prot#Q96HP8NCBI Gene ID55365
Uniprot	Q96HP8
GeneID	55365;
Excitation Emission	494nm 518nm
Cell Localization	Cell membrane
Concentration	1mg/ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

ICC=1:50-200 IF=1:50-200

Background

TMEM176A is a 235 amino acid multi-pass membrane protein belonging to the TMEM176 family. The gene encoding GS188 maps to human chromosome 7, which houses over 1,000 genes and comprises nearly 5% of the human genome. Chromosome 7 has been linked to Osteogenesis imperfecta, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome. The deletion of a portion of the q arm of chromosome 7 is associated with Williams-Beuren syndrome, a condition characterized by mild mental retardation, an unusual comfort and friendliness with strangers and an elfin appearance. Deletions of portions of the q arm of chromosome 7 are also seen in a number of myeloid disorders including cases of acute myelogenous leukemia and myelodysplasia.

Note: This product is for in vitro research use only