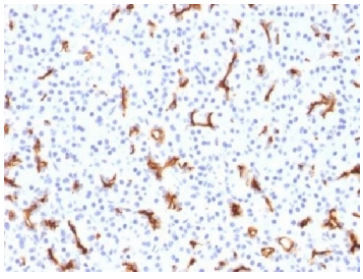
CFTR Antibody [clone CFTR/1785] (V3440)

Catalog No.	Formulation	Size
V3440-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3440-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3440SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	CFTR/1785
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
UniProt	P13569
Gene ID	1080
Localization	Cell surface, cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This CFTR antibody is available for research use only.



IHC testing of FFPE human pancreas with CFTR antibody (clone CFTR/1785). HIER: boil tissue sections in 10mM Tris with 1mM EDTA, pH9 for 10-20 min followed by cooling at RT for 20 min.

SDS-PAGE Analysis of Purified, BSA-Free CFTR Antibody (clone CFTR/1785). Confirmation of Integrity and Purity of the Antibody.

Description

Cystic fibrosis transmembrane conductance regulator (CFTR) is involved in the transport of chloride ions. May regulate bicarbonate secretion and salvage in epithelial cells by regulating the SLC4A7 transporter. Can inhibit the chloride channel activity of ANO1. Plays a role in the chloride and bicarbonate homeostasis during sperm epididymal maturation and capacitation. [UniProt]

Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the CFTR antibody to be titered up or down for optimal performance.

Immunogen

A partial recombinant protein corresponding to amino acids 258-385 from the human protein was used as the immunogen for this CFTR antibody.

Storage

Store the CFTR antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com