Datasheet for ABIN211143

anti-CFTR antibody (AA 1365-1395)

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Overview

Quantity:	200 µg
Target:	CFTR
Binding Specificity:	AA 1365-1395
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CFTR antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	Fusion Protein corresponding to residues 1197-1480 of human cystic fibrosis transmembrane conductance regulator (CFTR). The epitope maps within amino acids 1365-1395. Type of Immunogen: Fusion protein
Isotype:	IgG1
Specificity:	Recognizes CFTR, Mr 170kD. Species cross-reactivity: Human.
Purification:	Protein G purified

Target Details

Target:	CFTR
Alternative Name:	CFTR (CFTR Products)

Target Details

Background:	Name/Gene ID: CFTR Subfamily: ATP-binding cassette - ABCC/MRP Family: Transporter Synonyms: CFTR, ABC35, ABCC7, CF, DJ760C5.1, MRP7, CFTR/MRP, TNR-CFTR
Gene ID:	1080
UniProt:	P13569

Application Details

Application Notes:	Approved: ELISA, IHC, IP, WB Usage: Suitable for use in ELISA, Immunoprecipitation, Immunohistochemistry and Western Blot. Immunoprecipitation: Reported to immunoprecipitate CFTR.1. Immunohistochemistry: Reported to immunostain CFTR in human pancreatic tissue sections.1. Western Blot Analysis: 0.5-2 µg/mL detects CFTR from 20-50 µg of human T84 colon carcinoma epithelial RIPA cell lysates. 0.5-2 µg/mL of a previous lot detected CFTR from CFTR-transfected BHK2. Note: Do not boil the lysate. Instead incubate at 37?C for 30 minutes. CFTR can run as a diffuse protein on SDS-PAGE. T84 cell lysate was resolved by electrophoresis, transferred to nitrocellulose and probed with anti-CFTR (0.5 µg/mL). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and a chemiluminescence detection system.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	0.1 M Tris-glycine, pH 7.4, 0.15 M sodium chloride, 0.05 % sodium azide, 30 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.