Anti-CFTR antibody

Cat. No.	ml260166
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-CFTR rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human CFTR
Reactivity	Human
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	CFTR
Full name	Cystic fibrosis transmembrane conductance regulator
Synonyms	CF, MRP7, ABC35, ABCC7, CFTR/MRP, TNR-CFTR, dJ760C5.1
Swissprot	P13569

Target Background

This gene encodes a member of the ATP-binding cassette (ABC) transporter superfamily. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MRP subfamily that is involved in multi-drug resistance. The encoded protein functions as a chloride channel and controls the regulation of other transport pathways. Mutations in this gene are associated with the autosomal recessive disorders cystic fibrosis and congenital bilateral aplasia of the vas deferens. Alternatively spliced transcript variants have been described, many of which result from mutations in this gene.

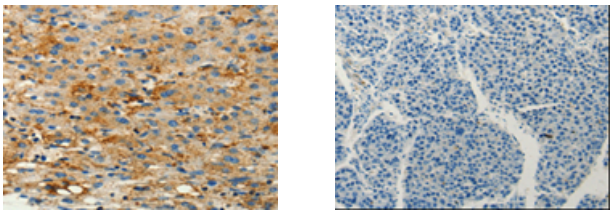
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm, Cell membrane

Positive control: Human liver cancer

Recommended dilution: 10-50



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml260166(CFTR Antibody) at dilution 1/10, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA

Recommended dilution: 500-5000

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