

CFTR Monoclonal Antibody (M3A7)

Product Details	
Size	500 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Rat, Marsupial, Human, Mouse
Host/Isotope	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	M3A7
Conjugate	Unconjugated
Immunogen	Recombinant protein encoding NBF2 domain of human CFTR
Form	Liquid
Concentration	0.2 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.4, with 0.2% BSA
Contains	15mM sodium azide
Storage Conditions	4° C
RRID	AB_10983660

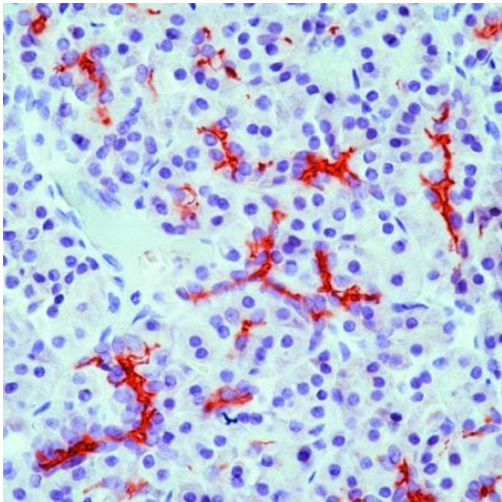
Applications	Tested	Dilution	Published
Western Blot (WB)	✓	Assay Dependent	2 Publications
Immunocytochemistry (ICC)	-		2 Publications
Immunohistochemistry (IHC)	-	1:50	5 Publications
Immunofluorescence (IF)	✓	Assay Dependent	
Immunohistochemistry (Paraffin) (IHC (P))	✓	1:12.5-25	
Immunoprecipitation (IP)	✓	Assay Dependent	

Product Specific Information

MA5-11768 targets Cystic Fibrosis Transmembrane Regulator in IF, IHC (P), IP, and WB applications and shows reactivity with Human, mouse, and Rat samples.

The MA5-11768 immunogen is recombinant protein encoding NBF2 domain of human CFTR.

Product Images For CFTR Monoclonal Antibody (M3A7)



CFTR Antibody (MA5-11768) in IHC

Formalin-fixed, paraffin-embedded human pancreas stained with CFTR antibody using peroxidase-conjugate and AEC chromogen. Note membrane staining of epithelial cells in the intercalated ducts.

9 References

Western Blot (2)

The Journal of experimental biology

CFTR is restricted to a small population of high expresser cells that provide a forskolin-sensitive transepithelial Cl⁻ conductance in the proximal colon of the possum, *Trichosurus vulpecula*.

"MA5-11768 was used in western blot to study the expression of CFTR in the possum small intestine"

Authors: Fan S, Harfoot N, Bartolo RC, Butt AG

Species
Marsupial

Dilution
1:100

Year
2012

Journal of comparative physiology. B, Biochemical, systemic, and environmental physiology

Molecular and functional characterization of the cystic fibrosis transmembrane conductance regulator from the Australian common brushtail possum, *Trichosurus vulpecula*.

"MA5-11768 was used in western blot to characterize cystic fibrosis transmembrane conductance regulator from the Australian common brushtail possum"

Authors: Demmers KJ, Carter D, Fan S, Mao P, Maqbool NJ, McLeod BJ, Bartolo R, Butt AG

Species
Marsupial

Dilution
1:2000

Year
2010

Immunocytochemistry (2)

Hepatology (Baltimore, Md.)

Multipotent stem/progenitor cells in human biliary tree give rise to hepatocytes, cholangiocytes, and pancreatic islets.

"MA5-11768 was used in immunocytochemistry to characterize multipotent stem/progenitor cells in peribiliary glands of human biliary tree"

Authors: Cardinale V, Wang Y, Carpino G, Cui CB, Gatto M, Rossi M, Berloco PB, Cantafora A, Wauthier E, Furth ME, Inverardi L, Dominguez-Bendala J, Ricordi C, Gerber D, Gaudio E, Alvaro D, Reid L

Species
Human

Dilution
Not Cited

Year
2011

American journal of physiology. Cell physiology

Small mouse cholangiocytes proliferate in response to H1 histamine receptor stimulation by activation of the IP3/CaMK I/CREB pathway.

"MA5-11768 was used in immunocytochemistry to investigate the mechanism of cholangiocyte proliferation induced by H1 histamine receptor activation"

Authors: Francis H, Glaser S, Demorrow S, Gaudio E, Ueno Y, Venter J, Dostal D, Onori P, Franchitto A, Marzioni M, Vaculin S, Vaculin B, Katki K, Stutes M, Savage J, Alpini S

Species
Mouse

Dilution
1:50

Year
2008

More applications with references on thermofisher.com

IHC (5)

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