

# MYST1 Monoclonal Antibody (8C4C4)

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotope	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	8C4C4
Conjugate	Unconjugated
Immunogen	Purified recombinant fragment of human MYST1 expressed in E. Coli.
Form	Liquid
Storage buffer	ascites
Contains	0.03% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_10989876

Applications	Tested	Dilution	Published
Immunocytochemistry (ICC)	✓	1:200-1:1000	1 Publication
Immunofluorescence (IF)	✓	1/200 - 1/1000	
Immunohistochemistry (IHC)	✓	1/200 - 1/1000	
Western Blot (WB)	✓	1/500 - 1/2000	

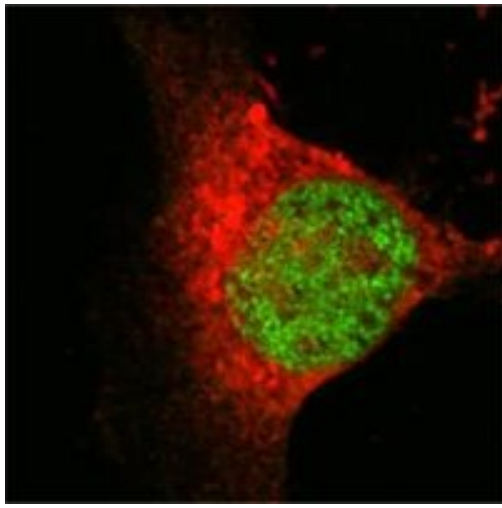
## Product Specific Information

MA5-15345 targets MYST1 in IF, IHC, and WB applications and shows reactivity with Human samples.

The MA5-15345 immunogen is purified recombinant fragment of human MYST1 expressed in E. Coli.

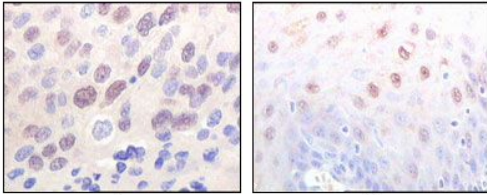
MA5-15345 detects MYST1 which has a predicted molecular weight of approximately 53kDa.

## Product Images For MYST1 Monoclonal Antibody (8C4C4)



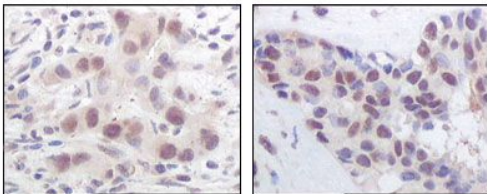
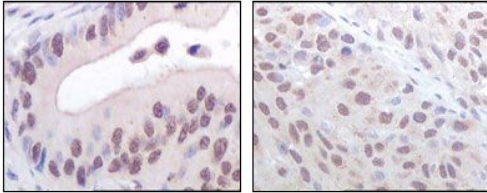
### MYST1 Antibody (MA5-15345) in IF

Immunofluorescence analysis of Eca 109 cells using MYST1 monoclonal antibody (Product # MA5-15345) (green).



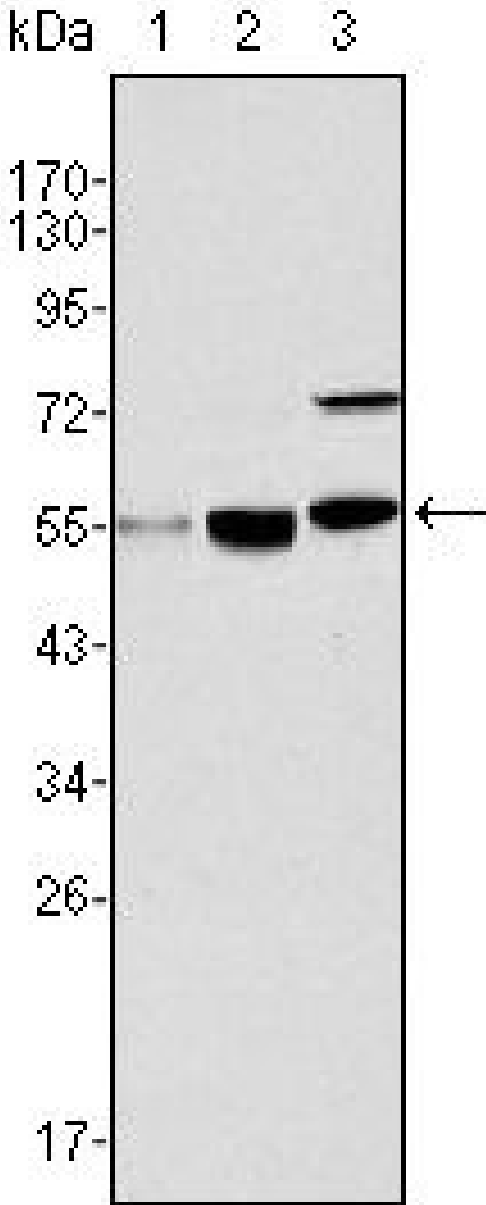
### MYST1 Antibody (MA5-15345) in IHC

Immunohistochemical analysis of paraffin-embedded human esophageal squamous cell carcinoma (A), normal esophagus epithelium (B), rectum adenocarcinoma (C), lung squamous cell carcinoma (D), breast infiltrating carcinoma (E), and breast infiltrating carcinoma (F) tissues using MYST1 monoclonal antibody (Product # MA5-15345) followed with DAB staining.



**MYST1 Antibody (MA5-15345) in WB**

Western blot analysis of MYST1 using MYST1 monoclonal antibody (Product # MA5-15345) in HeLa (1), HepG2 (2) and SMMC-7721 (3) cell lysate.



## Immunocytochemistry (1)

PloS one

### Modulation of chromatin remodelling induced by the freshwater cyanotoxin cylindrospermopsin in human intestinal caco-2 cells.

"MA5-15345 was used in immunocytochemistry to study the effect of the freshwater cyanotoxin cylindrospermopsin on chromatin remodelling"

Authors: Huguet A, Hatton A, Villot R, Quenault H, Blanchard Y, Fessard V

**Species**  
Human

**Dilution**  
2 ug/mL

**Year**  
2015

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