

Anti-MYO10 antibody (845-944) (STJ114345)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

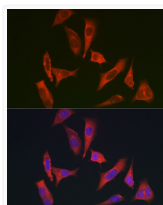
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 237kDa Observed Mw: 270kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

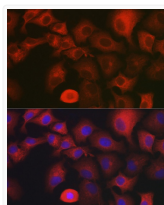
Gene ID	4651
Gene Symbol	MYO10
UniProt ID	MYO10_HUMAN
Immunogen Region	845-944
Immunogen Sequence	EAE LRAQQEEETRKQQELEA LQKSQKEAELTRELEKQKEN KQVEEILRLEKEIEDLQRMK EQQELSLTEASLQKLQERRD QELRRLEEEACRAAQEFLES
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 845-944 of human MYO10 (NP_036466.2).

ADDITIONAL INFORMATION

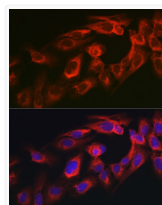
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



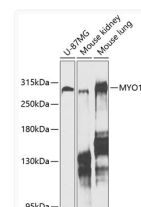
Immunofluorescence analysis of HeLa cells using MYO10 antibody (STJ114345) at dilution of 1:350. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of A-549 cells using MYO10 antibody (STJ114345) at dilution of 1:350. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using MYO10 antibody (STJ114345) at dilution of 1:350. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using MYO10 antibody (STJ114345) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 20s.