

## Anti-MYO5A antibody (Internal) (STJ72335)

STJ72335

### GENERAL INFORMATION

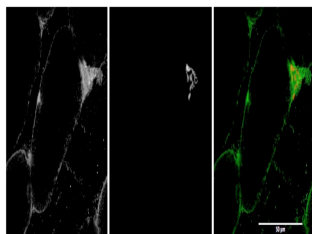
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Goat polyclonal antibody anti-MYO5A (Internal) is suitable for use in ELISA, Western Blot and Immunofluorescence research applications.
<b>Applications</b>	Pep-ELISA/WB/IF
<b>Host/Source</b>	Goat
<b>Reactivity</b>	Human/Mouse/Rat/Cow

### PRODUCT PROPERTIES

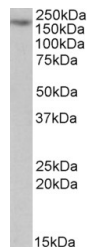
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	0.5 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Dilution Range</b>	Peptide ELISA: antibody detection limit dilution 1:8000. WB: Approx 200kDa band observed in lysates of cell line Jurkat (calculated MW of 215kDa according to NP_000250.3). Recommended concentration: 1-3µg/ml. IF: Transverse sections of Mouse
<b>Formulation</b>	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
<b>Isotype</b>	IgG
<b>Storage</b>	Store at -20°C on receipt and minimise freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

<b>Gene ID</b>	4644
<b>Gene Symbol</b>	MYO5A
<b>Uniprot ID</b>	MYO5A_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	Internal
<b>Specificity</b>	This antibody is expected to recognize both reported isoforms (NP_000250.3; NP_001135967.1).
<b>Immunogen Sequence</b>	ETKQLELDLN



STJ72335 (1Åug/ml) staining of Mouse Skeletal Muscle (first panel, and in green in third panel). Alpha-bungaratoxin staining in middle panel and in red in third panel. Detected by Fluorescence. Data kindly provided by Dr. RÄ¼diger Rudolt, Karlsruhe, Germany



STJ72335 (1Åug/ml) staining of Jurkat lysate (35Åug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081