

**Product Name: MYO19 Rabbit Monoclonal Antibody****Catalog #: AMRe85821**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000
<b>Molecular Weight</b>	Calculated MW: 109 kDa; Observed MW: 109 kDa

**Antigen Information**

<b>Gene Name</b>	MYO19
<b>Alternative Names</b>	Myosin head domain-containing protein 1
<b>Gene ID</b>	80179.0
<b>SwissProt ID</b>	Q96H55
<b>Immunogen</b>	Recombinant protein of human MYO19

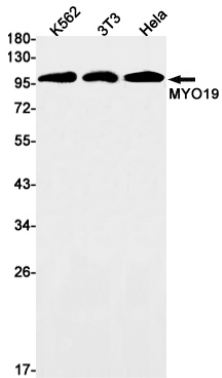
**Background**

Actin-based motor molecule with ATPase activity that localizes to the mitochondrion outer membrane (PubMed:19932026, PubMed:23568824, PubMed:25447992). Motor protein that moves towards the plus-end of actin filaments . Required for mitochondrial inheritance during mitosis (PubMed:25447992). May be involved in mitochondrial transport or positioning

(PubMed:23568824).

## Research Area

## Image Data



Western blot analysis of MYO19 in K562, 3T3, HeLa lysates using MYO19 antibody.