

## Rabbit Anti-MYO1F/Cy5.5 Conjugated antibody

SL19172R-Cy5.5

<b>Product Name</b>	Anti-MYO1F/Cy5.5
<b>Chinese Name</b>	Cy5.5 标记的肌球蛋白 1F 抗体
<b>Alias</b>	Myo1f; MYO1F_HUMAN; Myosin ID; Myosin IF; Myosin-Ie; Unconventional myosin-If.
<b>Research Area</b>	Cell biology Signal transduction
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	(predicted:Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Rabbit) ICC/IF=1:50-200,IF=1:100-500
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	125kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human MYO1F
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Storage</b>	
<b>Product Detail</b>	<b>background:</b> Myosin If (MYO1F), also designated Myosin-Ie, is considered an unconventional Myosin and is expressed in the cochlea. The MYO1F gene encoding for the 1098 amino acid protein maps to chromosome 19p13.3-13.2. <b>Function:</b>

Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent tails are presumed to bind to membranous compartments, which would be moved relative to actin filaments.

**Similarity:**

Contains 1 IQ domain.

Contains 1 myosin head-like domain.

Contains 1 SH3 domain.

**Database links:**

[Entrez Gene: 4542](#) Human

[Entrez Gene: 17916](#) Mouse

[Entrez Gene: 314654](#) Rat

[Omim: 601480](#) Human

[SwissProt: O00160](#) Human

[SwissProt: P70248](#) Mouse

[Unigene: 465818](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.