

# GOAT ANTI-MYO5A ANTIBODY

**SKU:** EB10262



250kDa  
150kDa  
100kDa  
75kDa  
  
50kDa  
  
37kDa  
  
  
25kDa  
20kDa  
  
  
15kDa

## SPECIFICATIONS

<b>Formulation</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Unit Size</b>	100 µg
<b>Storage Instructions</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Synonym / Alias Names</b>	MYO5A MYR12 myoxin myosin, heavy polypeptide kinase myosin VA (heavy chain 12, myoxin) myosin VA myosin V MYO5 MYH12 GS1 dilute
<b>Usage Summary</b>	<strong>Immunofluorescence:</strong> Transverse sections of Mouse Skeletal Muscle shows staining of the fibre membrane and neuromuscular junction. The observed pattern corresponds to earlier findings in literature with different antibodies (Röder et al, Proc Natl Acad Sci U S A. 2010 Feb 2;107(5):2031-6; PMID: 20133847). Recommended concentration: 1-3µg/ml.
<b>Accession ID</b>	NP_000250.3; NP_001135967.1
<b>Blocking Peptide</b>	EBP10262
<b>Immunogen</b>	Peptide with sequence C-ETKQLELDLN, from the internal region of the protein sequence according to NP_000250.3; NP_001135967.1.
<b>Product Comments</b>	This antibody is expected to recognize both reported isoforms (NP_000250.3; NP_001135967.1).
<b>Peptide Sequence</b>	C-ETKQLELDLN
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Mouse, Rat, Cow
<b>Reactive Species</b>	Human, Mouse
<b>Human Gene ID</b>	4644
<b>Mouse Gene ID</b>	17918
<b>Rat Gene ID</b>	25017
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:8000.
<b>Western Blot</b>	Approx 200kDa band observed in lysates of cell line Jurkat (calculated MW of 215kDa according to NP_000250.3). Recommended concentration: 1-3µg/ml.

**Application**  
**Type**      Pep-ELISA, WB, IF

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

