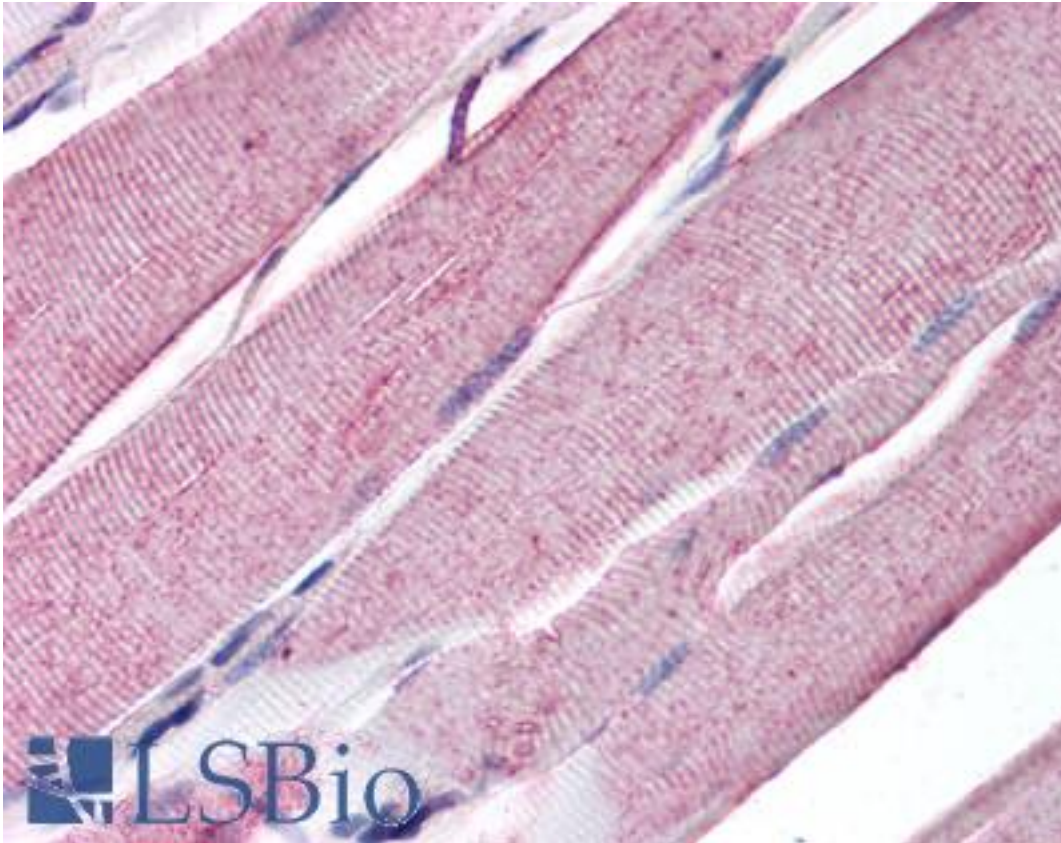


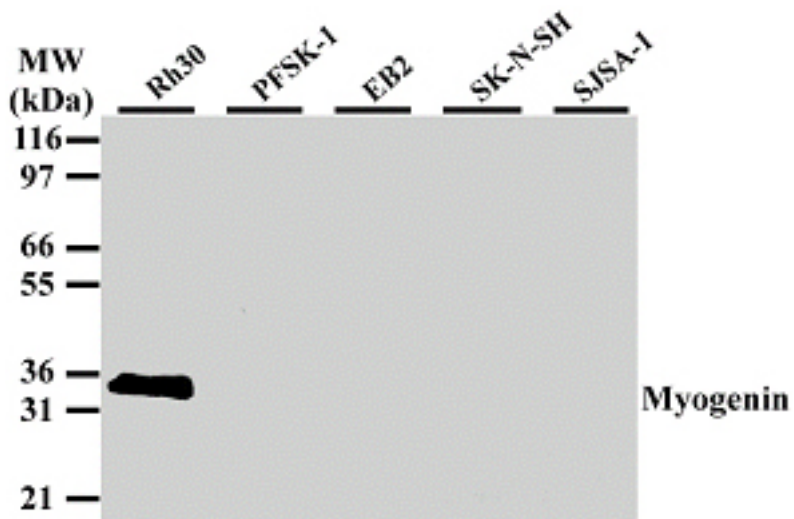
MYOG / Myogenin Mouse anti-Rat Monoclonal (aa30-224) (5FD) Antibody - LS-B1976 - LSBio	
<b>CatalogID:</b>	LS-B1976
<b>Validation:</b>	This antibody replaces catalog number LS-C570. It has been validated for use in the following assays: IHC.
<b>Target:</b>	myogenin (myogenic factor 4)
<b>Synonyms:</b>	MYOG Antibody, BHLHc3 Antibody, Myogenin Antibody, MYF4 Antibody, Myogenic factor 4 Antibody, Myf-4 Antibody, Myogenin (myogenic factor 4) Antibody
<b>Host</b>	MYOG antibody was produced in Mouse
<b>Clonality:</b>	Monoclonal
<b>Isotype:</b>	IgG
<b>Clone Name:</b>	5FD
<b>Immunogen Species:</b>	MYOG / Myogenin antibody was raised against Rat
<b>Immunogen:</b>	MYOG / Myogenin antibody was raised against recombinant rat MYOG / Myogenin.
<b>Specificity:</b>	A recombinant GST fusion protein corresponding to amino acids 30-224 of rat myogenin was used as immunogen.
<b>Epitope:</b>	aa30-224
<b>Reactivity:</b>	Rat, Human, Mouse
<b>Purification:</b>	Protein G purified
<b>Presentation:</b>	PBS, 0.05% BSA, 0.05% sodium azide.
<b>Recommended Storage:</b>	Long term: -70°C; Short term: +4°C
<b>Usage Summary:</b>	Immunohistochemistry: LS-B1976 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B1976 was determined to be 10 ug/ml.
<b>Uses:</b>	IHC - Paraffin (10 µg/ml), IHC - Frozen (5 - 10 µg/ml), ICC (5 µg/ml), Western blot (2 µg/ml) (Optimal dilution to be determined by the researcher)
<b>Size:</b>	50 µg
<b>Concentration:</b>	0.5 mg/ml

**Immunohistochemistry Image:**



Anti-Myogenin antibody IHC of human skeletal muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B1976 concentration 10 ug/ml.

**Western Blot Image:**



Western blot of Myogenin expression in various small-round cell tumor lines using anti-Myogenin (antibody) mAb. The antibody strongly reacted with a band of approx. 34 kDa in alveolar rhabdomyosarcoma cell line (Rh30). All other small-round cell t

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Japan

Laboratory Reagent For In Vitro Research Use Only

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