

Product datasheet

anti-Myogenin mouse monoclonal, IHC631, purified

Short overview

Cat. No.	691732
Quantity	1 ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1 kappa
Clone	IHC631
Immunogen	Recombinant Human Myogenin
Formulation	Tris pH 7.3-7.7 with 1% BSA and 0.09% sodium azide
UniprotID	P15173 (Human)
Synonym	Myogenin, Class C basic helix-loop-helix protein 3, bHLHc3, Myogenic factor 4, Myf-4, MYOG, BHLHC3, MYF4
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	IHC
Reactivity	Human

Applications

Immunohistochemistry (IHC) - paraffin	1:50-1:200 (microwave treatment recommended)
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Background

Myogenin belongs to a family of myogenic transcription factors, including MyoD, Myf5, and MRF4, which are critical in muscle development. Myogenin is found strictly in cells of skeletal muscle origin, and is therefore used as a biomarker for tumours of the muscle lineage, including alveolar rhabdomyosarcomas. Anti-Myogenin staining may occur in Wilms' tumour, and it labels the nuclei of myoblasts in developing muscle tissue. It is also expressed in some leiomyosarcomas.

Product images



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