

44-1169: Anti-Myogenin Monoclonal Antibody (Clone:IHC631)

Clonality :	Monoclonal
Clone Name :	IHC631
Application :	IHC
Reactivity :	Human
Gene :	MYOG
Gene ID :	4656
Uniprot ID :	P15173
Format :	Purified
Alternative Name :	Myogenin, Class C basic helix-loop-helix protein 3, bHLHc3, Myogenic factor 4, Myf-4, MYOG, BHLHC3, MYF4

Description

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 tumors of the muscle lineage, including alveolar rhabdomyosarcomas. Anti-Myogenin staining may occur in Wilms's tumor, and labels the nuclei of myoblasts in developing muscle tissue. It is also expressed in some leiomyosarcomas.

Product Info

Amount :	0.1 ml / 1 ml
Purification :	Protein A/G Chromatography
Storage condition :	Store at 2°C - 8°C.

Application Note

Recommended dilutions: Immunohistochemical analysis: 1:100 - 1:200. However, this need to be optimized based on the research applications.

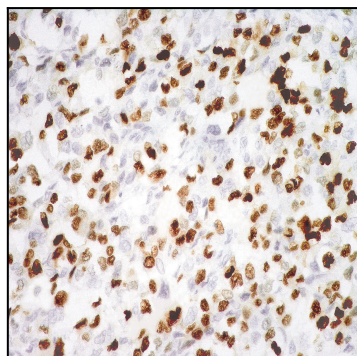


Figure 1: Immunohistochemical analysis of Myogenin (IHC631) on Rhabdomyosarcoma