

MYOG monoclonal antibody

Catalog: MB66031

Host: Mouse

Reactivity: Human

BackGround:

Myogenin, also called myogenic factor 4 (Myf-4), is a transcriptional regulatory protein that belongs to the myogenic basic helix-loop-helix protein family, which also includes MyoD, Myf-5, and MRF4. It is involved in skeletal muscle development and differentiation and is a marker for myogenesis. Detection of aberrant myogenin expression is also useful in pathology as an indicator of rhabdomyosarcoma (RMS).

Product:

Mouse IgG1. Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.

Molecular Weight:

~ 25 kDa

Swiss-Prot:

P15173

Purification&Purity:

The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC (1/100 - 1/300)

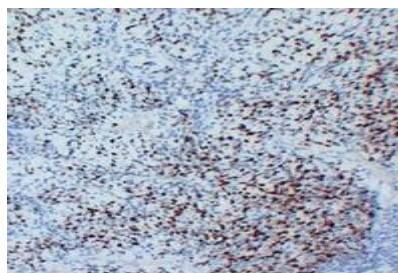
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of MYOG protein.

DATA:

Immunohistochemical analysis of MYOG staining in human rhabdomyosarcoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

For research use only, not for use in diagnostic procedure.

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