

Desmin

Catalog # 10150.05 or .10 or .50 (0.5ml or 1.0ml concentrated or 5ml RTU)

INTENDED USE

- ***In Vitro:*** This product is intended for qualitative immunohistochemistry with normal and neoplastic, formalin-fixed, paraffin embedded tissue sections, to be viewed by light microscopy.
- ***Description:*** The antibody reacts on the 53 kDa large protein chain of the desmin protein. It is expressed both in smooth muscle and striated muscle.
- ***Expected Staining Pattern:*** Cytoplasmic
- ***Positive Control:*** leiomyoma

MATERIALS PROVIDED

- ***Desmin specific mouse monoclonal antibody:***
#10150.10, (or .05) is tissue culture supernatant, concentrated, with 0.09% sodium azide.
#10150.50 RTU format
- ***Host:*** Mouse
- ***Epitope:*** Not determined.
- ***Species Reactivity:*** Human. Others-not known.
- ***Clone:*** D33
- ***Ig Isotype / Light Chain:*** IgG1, kappa
- ***Immunogen:*** BALB/C mouse, immunized with human muscle
- ***Sterility:*** This product is not sterile.
- ***References:***

MATERIALS REQUIRED, BUT NOT PROVIDED

- Detection system
- Chromogen/substrate system

METHODS AND PROCEDURES

- ***Tissue Section Pretreatment:*** Staining of formalin-fixed tissue sections requires treating in boiling 10mM citrate buffer, pH 6.0 for 10-20 minutes.
- ***Recommended Pretreatment Kit:***
HISTOLS®-Pre-Treatment IHC Kit (cat# 30016), containing the reagents below:
HISTOLS®-Citrate Buffer (cat#30010)
HISTOLS®-Peroxidase Blocking Solution (cat# 30013)
HISTOLS®-BBPS (Background Blocking Protein Solution)(cat# 30012)
- ***Dilution of Concentrated Antibody:***
1:100 in antibody diluent (for informational purposes only), exact dilution must be determined by user.
- ***Primary Antibody Incubation Time:*** 60 minutes at RT.
- ***Recommended Detection System:***
HISTOLS®-MR (anti-mouse&rabbit Ig) (cat# 30011)
- ***Visualization:*** To detect antibody binding sites, follow the instructions provided with the chromogen/substrate system.

STORAGE AND STABILITY

This product contains sodium azide and is stable when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.

For Research Use Only!