

## Vimentin

Catalog # 10151.05 or .10 (0.5ml or 1.0ml concentrated)

Catalog # 10151.50 ready to use

### 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:** Vimentin is the main intermediate filament of mesenchymal cells and non-muscle cells (endothelial cells, macrophages, fibroblasts, melanocytes, lymphocytes). It is expressed in all types of sarcoma and lymphoma.
- **Expected Staining Pattern:** Cytoplasmic, cell membrane
- **Positive Control:** lymphoid tissue, neurofibroma

### MATERIALS PROVIDED

- **Vimentin specific monoclonal antibody:**  
#10151.10, (or .05) is tissue culture supernatant, concentrated, with 0.09% sodium azide.  
#10151.50 RTU format
- **Host:** Mouse
- **Epitope:** Not determined.
- **Species Reactivity:** Human. Others-not known.
- **Clone:** V9
- **Ig Isotype / Light Chain:** IgG1
- **Immunogen:** Human polipeptide
- **Sterility:** This product is not sterile.
- **References:**

### MATERIALS REQUIRED, BUT NOT PROVIDED

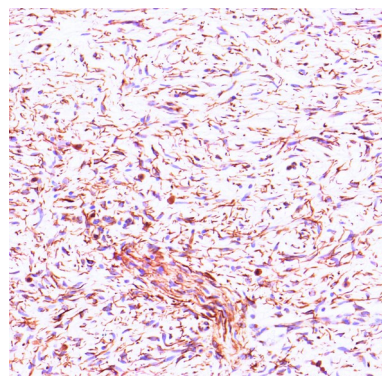
- Detection system
- Chromogen/substrate system

### 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:** 1:200 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.



Vimentin, Neurofibroma

**For Research Use Only!**