

## VIM

### Mouse Anti-Human Vimentin (Clone V9) mAb

<b>Catalog No.</b>	MON3005-1	<b>Quantity:</b>	1 ml
	MON3005-5		5 ml

**Description:** Vimentin is the major subunit protein of the intermediate filaments of mesenchymal cells, and has a molecular weight of 57 kD. Immunohistochemical staining for Vimentin is thus characteristic of sarcomas (of neural, muscle and fibroblast origin) compared to carcinomas which are generally negative. Melanomas, lymphomas and vascular tumors may all stain for Vimentin. Vimentin antibodies are thus of value in the differential diagnosis of malignant tumors, generally used with a panel of other antibodies including those recognizing cytokeratins, lymphoid markers, S100, desmin and neurofilaments.

**Concentration:** approximately 30 ug/ml

**UniProt ID:** P08670

**Specificity:** This antibody stains the 57 kD vimentin band in immunoblots performed on a lysate of normal human lymphocytes. It does not stain mouse or rat vimentin.

**Host:** Mouse

**Immunogen:** vimentin isolated from cow lens

**Isotype:** IgG1

**Clone:** V9

**Formulation:** Purified cell culture supernatant in PBS containing 1% BSA, 20 mM sodium azide

**Applications:** **IHC-F:** suggested dilution 1:300  
**IHC-P:** suggested dilution 1:50-1:100  
**Western blot**

**Storage & Stability:** Store at 2-8°C for up to 1 year.

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

