

**36-1801: Monoclonal Antibody to Vimentin (Mesenchymal Cell Marker)(Clone : LN-6)**

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	LN-6
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	VIM
<b>Gene ID :</b>	7431
<b>Uniprot ID :</b>	P08670
<b>Format :</b>	Purified
<b>Alternative Name :</b>	VIM
<b>Isotype :</b>	Mouse IgM, kappa
<b>Immunogen Information :</b>	Human thymic nuclear extract

**Description**

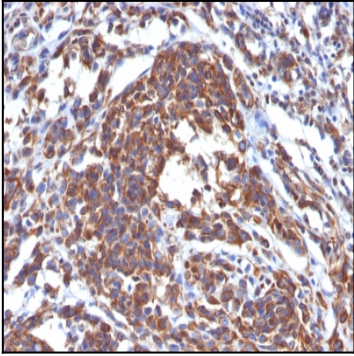
This MAb reacts with a 58kDa protein identified as vimentin. It reacts with a non-hematopoietic epitope of vimentin and shows no cross-reaction with other closely related intermediate filament proteins (IFP's) such as desmin, keratin, neurofilament, and glial fibrillary acid protein. Vimentin is ubiquitously expressed in mesenchymal cells such as fibroblasts, smooth muscle cells, and endothelium. Antibody against vimentin is useful as part of an antibody panel for differential diagnosis of tumors of unknown origin. Ab-2 does not react with leukocyte common antigen-positive tissues such as lymphomas and leukemias.

**Product Info**

<b>Amount :</b>	100 µg
<b>Purification :</b>	Affinity Chromatography
<b>Content :</b>	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

**Application Note**

Immunohistochemistry (Formalin-fixed) (0.1-0.2µg/ml for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes);



Formalin-fixed, paraffin-embedded human Melanoma stained with Vimentin Monoclonal Antibody (LN-6).