



# Mouse Anti-Human Vimentin monoclonal antibody, clone LN-6 (CABT-ZS5002)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	It reacts with a non-hematopoietic epitope of vimentin, shows no cross-reaction with other closely related intermediate filament proteins (IFPs) such as desmin, keratin, neurofilament, glial fibrillary acid protein.
<b>Target</b>	VIM
<b>Immunogen</b>	Human thymic nuclear extract.
<b>Isotype</b>	IgM
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human, Cat, Cow, Pig, Rat, Rabbit, Mouse, Sheep
<b>Clone</b>	LN-6
<b>Purification</b>	Protein A/G Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	FC, IF, IHC Recommended Working Concentration: Flow Cytometry: 0.5-1 µg of antibody/million cells in 0.1 ml Immunofluorescence: 0.5-1 µg of antibody/ml Immunohistochemistry (IHC) (Formalin-fixed): 1-2 µg of antibody/ml for 30 minutes at RT Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
<b>Format</b>	Purified, Liquid

<b>Concentration</b>	Lot specific
<b>Size</b>	100 µg
<b>Buffer</b>	PBS
<b>Preservative</b>	0.05% sodium azide
<b>Storage</b>	Store at 2-8° C. Stable for 24 months when properly stored.
<b>Ship</b>	Wet ice

## BACKGROUND

**Introduction** Vimentin is ubiquitously expressed in mesenchymal cells such as fibroblasts, smooth muscle cells, endothelium. Antibody against vimentin is useful as part of an antibody panel for differential diagnosis of tumors of unknown origin. This antibody does not react with leukocyte common antigen-positive tissues such as lymphomas, leukemias.

**Keywords** VIM; vimentin; HEL113; CTRCT30; epididymis luminal protein 113

## GENE INFORMATION

**Synonyms** VIM; vimentin; HEL113; CTRCT30; epididymis luminal protein 113

**Entrez Gene ID** [7431](#)

**UniProt ID** [P08670](#)