

**Vimentin Antibody (clone 23H2)**  
**Mouse Monoclonal Antibody**  
**Catalog # ALS14815**

**Specification**

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**Vimentin Antibody (clone 23H2) - Product Information**

Application	<b>WB, IHC</b>
Primary Accession	<a href="#">P08670</a>
Reactivity	<b>Human, Rat</b>
Host	<b>Mouse</b>
Clonality	<b>Monoclonal</b>
Calculated MW	<b>54kDa KDa</b>

**Vimentin Antibody (clone 23H2) - Additional Information**

**Gene ID** 7431

**Other Names**  
Vimentin, VIM

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

**Precautions**

Vimentin Antibody (clone 23H2) is for research use only and not for use in diagnostic or therapeutic procedures.

**Vimentin Antibody (clone 23H2) - Protein Information**

**Name** VIM ([HGNC:12692](#))

**Function**

Vimentins are class-III intermediate filaments found in various non-epithelial cells, especially mesenchymal cells. Vimentin is attached to the nucleus, endoplasmic reticulum, and mitochondria, either laterally or terminally. Plays a role in cell directional movement, orientation, cell sheet organization and Golgi complex polarization at the cell migration front (By similarity). Protects SCRIB from proteasomal degradation and facilitates its localization to intermediate filaments in a cell contact-mediated manner (By similarity).

**Cellular Location**

Cytoplasm. Cytoplasm, cytoskeleton. Nucleus matrix {ECO:0000250|UniProtKB:P31000}. Cell membrane {ECO:0000250|UniProtKB:P20152}

**Tissue Location**

Highly expressed in fibroblasts, some expression in T- and B-lymphocytes, and little or no expression in Burkitt's lymphoma cell lines. Expressed in many hormone-independent mammary carcinoma cell lines.

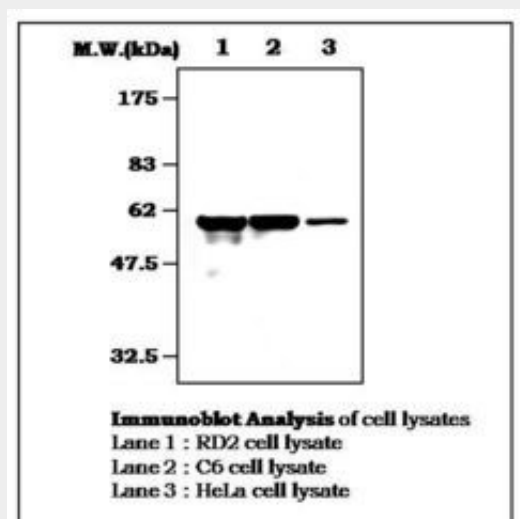
**Volume**  
50  $\mu$ l

### Vimentin Antibody (clone 23H2) - Protocols

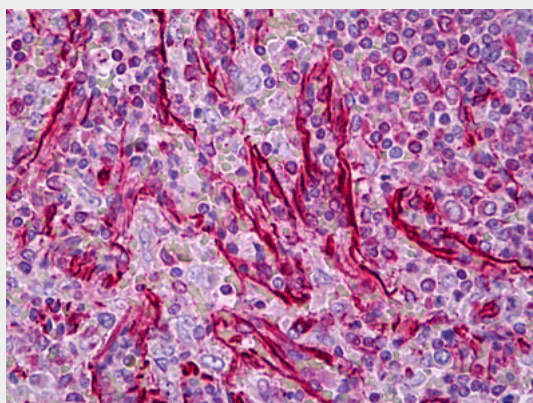
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Vimentin Antibody (clone 23H2) - Images



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Anti-Vimentin antibody IHC of human spleen.

### Vimentin Antibody (clone 23H2) - Background

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mesenchymal cells. Vimentin is attached to the nucleus, endoplasmic reticulum, and mitochondria, either laterally or terminally.

#### **Vimentin Antibody (clone 23H2) - References**

- Ferrari S.,et al.Mol. Cell. Biol. 6:3614-3620(1986).  
Honore B.,et al.Nucleic Acids Res. 18:6692-6692(1990).  
Hartmann T.B.,et al.Br. J. Dermatol. 150:252-258(2004).  
Zimbelmann R.,et al.Submitted (JUN-2007) to the EMBL/GenBank/DDBJ databases.  
Ota T.,et al.Nat. Genet. 36:40-45(2004).