

Product datasheet for **BM5050P**

Vimentin (VIM) Mouse Monoclonal Antibody [Clone ID: V9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	V9
Applications:	FC, IF, IHC, WB
Recommended Dilution:	Immunoblotting. Flow Cytometry. Immunocytochemistry. Immunohistochemistry on Frozen Sections. Immunohistochemistry on Paraffin-Embedded Sections. <i>Recommended Dilutions:</i> 1/25–1/200 for Flow Cytometry, and for immunohistochemistry with avidin-biotinylated horseradish peroxidase complex (ABC) as detection reagent, and 1/100–1/1000 for immunoblotting applications.
Reactivity:	Chicken, Human, Rat, Sheep, Potoroo
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	V9 is an antibody derived by fusion of PA1 mouse myeloma cells with spleen cells from a BALB/c mouse immunized with Vimentin isolated from Porcine lens.
Specificity:	The antibody clone V9 reacts exclusively with vimentin, which is expressed in mesenchymal cells and mesenchymal derived tumors e.g. lymphoma, sarcoma and melanoma.
Formulation:	PBS with 0.09% Sodium Azide as preservative State: Purified State: Liquid purified IgG fraction
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	vimentin



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Database Link: [Entrez Gene 7431 Human P08670](#)

Background: Vimentin (57 kDa) is the intermediate filament protein (IFP) of mesenchymal cells. This IFP, often deviates from the tissue-specific and developmentally regulated pattern of expression. Besides its typical expression in most cultured cells, vimentin is also expressed together with several other IFPs during early stages of development. As differentiation proceeds, vimentin is exchanged for the tissue-specific intermediate filament type.

Synonyms: VIM