

Technical Data Sheet

Product

**Anti-Vimentin Purified**

Cat. Number/Size

**11-254-C025**

**0.025 mg**

**11-254-C100**

**0.1 mg**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

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Antigen	Vimentin
Clone	VI-01
Format	Purified
Reactivity	Mammalian
Application	IHC(P), WB, ICC, FC
Application details	Immunocytochemistry: Staining technique: (a) fix cells for 10 min in methanol at -20°C and for 6 min in acetone at -20°C; (b) fix cells directly in methanol for 10 min at -20°C or in acetone for 10 min at -20°C. Positive control: 3T3 murine Swiss albino fibroblast cell line, RBL rat basophilic leukemia cell line. Flow cytometry: Recommended dilution: 1-5 µg/ml. Intracellular staining. Western blotting: Recommended dilution: 1 µg/ml.
Isotype	Mouse IgM
Specificity	The antibody VI-01 reacts with vimentin, a 57 kDa intermediate filament intracellular protein expressed in variety of mesenchymal and mesodermal cell types. Cross-reactivity was found with smooth muscle desmin.
Immunogen	Pellet of porcine brain cold stable proteins after depolymerization of microtubules.
Entrez Gene ID	7431
Gene name	VIM
NCBI Full Gene Name	vimentin
UniProt ID	P08670

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Concentration	1 mg/ml
Preparation	Purified by sequential steps of physicochemical fractionation (differential precipitation and solid-phase chromatography methods).
Formulation	Tris buffered saline (TBS), pH 8.0, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Do not freeze.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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