[pSer55]Vimentin monoclonal antibody (4A4)

Vimentin is one of four type II intermediate filament (IF) proteins; Desmin, Glial fibrillary acidic protein (GFAP) and Peripherin being the others. Vimentin is the most widely distributed of all IF proteins. It is typically expressed in leukocytes, blood vessel endothelial cells, and mesenchymal cells such as fibroblasts. Vimentin filaments help support cellular membranes. Vimentin networks also may help keep the nucleus and other organelles in a defined place within the cell.

This antibody is covered by our Worry-Free Guarantee.

Citations: 5 View Online »

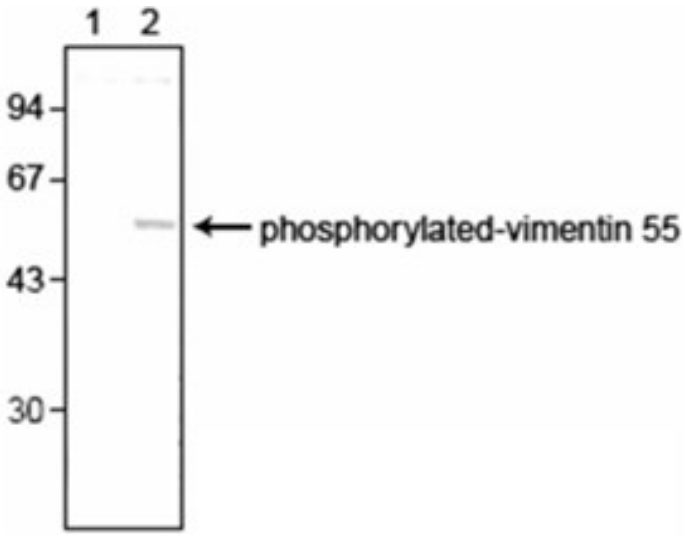
Ordering Information

Order Online »

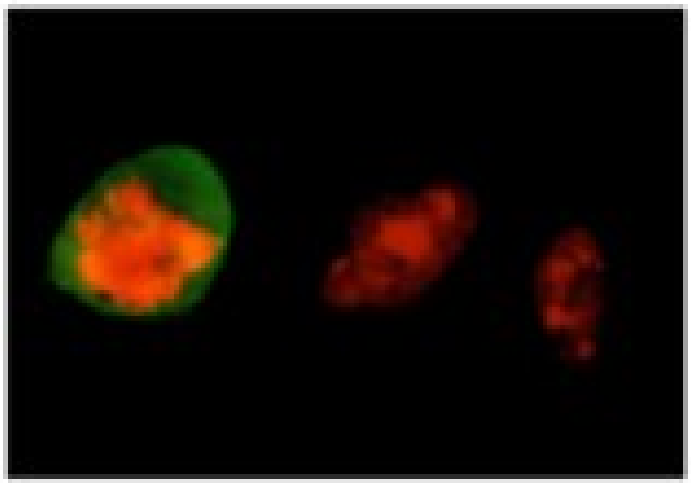
ADI-KAM-CC249-E	100µg

Manuals, SDS & CofA

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Western blot analysis of U251 interphase (1) and U251 M phase (2) cells, probed with Vimentin (pSer55) mAb (4A4).



Immunocytochemistry analysis of U251 cells using Vimentin (pSer55) mAb (4A4).

Handling & Storage

Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name	VIM
Application	ELISA, ICC, WB
Application Notes	Detects a band of ~57kDa by Western blot.
Clone	4A4
Formulation	Liquid. In PBS containing 50% glycerol.
Host	Mouse
Immunogen	Synthetic peptide corresponding to a portion of mouse vimentin phosphorylated at Ser55.
Isotype	IgG2b
Purity Detail	Protein A affinity purified.
Recommendation Dilutions/Conditions	ELISA, Immunocytochemistry (1µg/ml)Western Blot (1-5µg/ml)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Species Reactivity	Human, Mouse, Rat
UniProt ID	P20152
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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