

32-6244: Mouse Anti Human Vimentin(Clone:hVimentin.)

Clonality :	Monoclonal
Clone Name :	hVimentin.
Application :	ELISA,WB,IP,IHC
Gene :	VIM
Gene ID :	7431
Uniprot ID :	P08670
Format :	Purified
Isotype :	mouse IgG1.
Immunogen Information :	Purified Human Vimentin.

Description

Vimentin expression in human malignant glioma cells depends on cellular density, algorithms of drug delivery and chemo/radio treatment. Vimentin and detyrosinated microtubules provide structural support for the extensive microtentacles observed in detached tumor cells and a mechanism to promote successful metastatic spread. Primary colorectal carcinomas display aberrant expression of vimentin, and have activated Notch and TGFbeta signaling pathways. Vimentin is a strong arterial substrate for transglutaminases. Transglutaminase-mediated vimentin dimerization results in a novel unifying pathway by which vasodilatory and remodeling responses may be regulated. Ablation of vimentin expression inhibits migration and invasion of colon and breast cancer cell lines.

Product Info

Amount :	1 mg
Purification :	Ion exchange column.
Content :	1mg/ml in PBS (after reconstitution).
Storage condition :	In lyophilized form, for long periods, store at 4°C in a dry environment. After reconstitution, if not intended for use within a month, aliquot and store at -20°C.

Application Note

Direct ELISA, Western Blot, Immunoprecipitation, immunohistochemistry.