

### 32-6246: Mouse Anti Human Vimentin FITC(Clone:hVimentin.)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	hVimentin.
<b>Application :</b>	IHC
<b>Format :</b>	Purified
<b>Isotype :</b>	mouse IgG1.
<b>Immunogen Information :</b>	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

<b>Amount :</b>	1 mg
<b>Purification :</b>	Ion exchange column.
<b>Content :</b>	1mg/ml in PBS (after reconstitution).
<b>Storage condition :</b>	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

Immunohistochemistry.