BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Vimentin Antibody (Monoclonal, 35V46)

Catalog Number: M00235-7

About Vim

The VIM gene was one of many that Gieser and Swaroop (1992) recovered from a subtracted cDNA library for retinal pigment epithelium. Vimentin gene express in human lymphocytes and in Burkitt's lymphoma cells. Vimentin is secreted by activated macrophages. The gene encoding human vimentin is located on the short arm of chromosome 10.

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Overview

Product Name	Anti-Vimentin Antibody (Monoclonal, 35V46)
Reactive Species	Human, Pig, Rabbit, Rat
Description	Boster Bio Anti-Vimentin Antibody (Monoclonal, 35V46) catalog # M00235-7. Tested in IF, IHC, WB applications. This antibody reacts with Human, Pig, Rabbit, Rat.
Application	IF, IHC, WB
Clonality	Monoclonal 35V46
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN3. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P31000

Technical Details

Immunogen	Pig eye lens vimentin.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P).

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Cross Reactivity	No cross-reactivity with other proteins
Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites
Suggested Dilutions	Western blot, 0.5-1ug/ml, Human, rabbit, pig, rat Immunohistochemistry (Paraffin-embedded Section), 2-5ug/ml, Human, rabbit, pig, rat Immunofluorescence, 5ug/ml, Human

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For Research Use Only. Not for use in diagnostic procedures.