Anti-Vimentin eFluor® 570
Catalog Number: 41-9897

Product Information

Contents: Anti-Vimentin eFluor® 570
Catalog Number: 41-9897
Clone: V9
Concentration: 0.2 mg/mL
Host/Isotype: Mouse IgG1, kappa

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Temperature Limitation: Store at 2-8°C. Do not freeze. Light-sensitive material.
Batch Code: Refer to vial
Use By: Refer to vial
Contains sodium azide

Description
The V9 monoclonal antibody recognizes human Vimentin, a 57 kDa protein that functions as a structural component of intermediate filaments. Vimentin is expressed in cells derived from the mesenchyme but also in specific populations such as radial glia and immature glial cells, pancreatic precursor cells. It is proposed to be a marker of cardiac differentiation. In neural cells, vimentin expression is gradually replaced by neurofilaments. Reports have also shown surface expression of vimentin on activated macrophages, platelets, as well as apoptotic T cells and neutrophils.

This antibody also recognizes canine (dog), rat and chicken vimentin but does not recognize mouse vimentin.

Applications Reported
This V9 antibody has been reported for use in immunocytochemistry and immunohistochemical staining of frozen (IHC-F) and formalin-fixed paraffin embedded tissue sections (IHC-P).

Applications Tested
This V9 antibody has been tested immunocytochemistry on fixed and permeabilized C6 cells at less than or equal to 5 μg/mL. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Filter Recommendation: When using this eFluor® 570 antibody conjugate, we recommend a filter that will capture the 570 emission wavelength (for example, Excitation 545/25, 565LP, Emission 605/70). A standard Alexa Fluor® 555 or TRITC filter is acceptable.

References


Related Products
00-4953 IHC /ICC Blocking Buffer - Low Protein
00-4954 20X TBS Wash Buffer for IHC/ICC
00-4958 Fluoromount-G™
41-4714 Mouse IgG1 K Isotype Control eFluor® 570 (P3.6.2.8.1)