

APC Anti-Vimentin antibody [VI-RE/1] ab176512

★★★★★ [1 Abreviews](#) [1 图像](#)

概述

产品名称	APC Anti-Vimentin抗体[VI-RE/1]
描述	APC小鼠单克隆抗体[VI-RE/1] to Vimentin
宿主	Mouse
偶联物	APC. Ex: 645nm, Em: 660nm
经测试应用	适用于: Flow Cyt (Intra)
种属反应性	与反应: Human 不与反应: Mouse, Pig
免疫原	Recombinant full length protein corresponding to Human Vimentin aa 1-466. (Bacterially expressed) Database link: P08670
阳性对照	Flow Cyt: ESS-1 cells.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot. Store at +4°C. Store In the Dark.
存储溶液	pH: 7.4 Preservative: 0.098% Sodium azide Constituents: 99% PBS, 0.2% BSA
纯度	Size exclusion
克隆	单克隆
克隆编号	VI-RE/1
同种型	IgG1

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab176512于以下的经测试应用

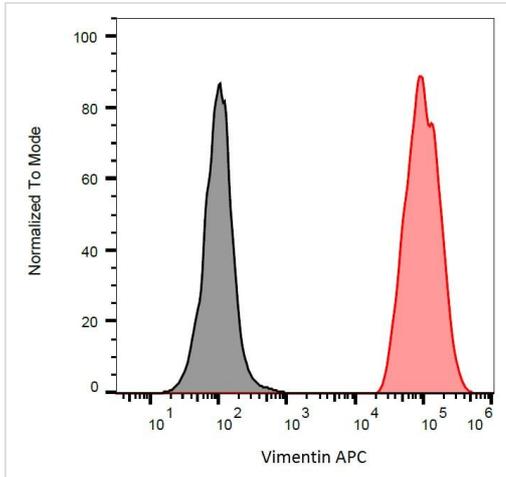
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt (Intra)		Use a concentration of 1 - 5 µg/ml.

靶标

功能	<p>Vimentins are class-III intermediate filaments found in various non-epithelial cells, especially mesenchymal cells. Vimentin is attached to the nucleus, endoplasmic reticulum, and mitochondria, either laterally or terminally.</p> <p>Involved with LARP6 in the stabilization of type I collagen mRNAs for CO1A1 and CO1A2.</p>
组织特异性	<p>Highly expressed in fibroblasts, some expression in T- and B-lymphocytes, and little or no expression in Burkitt's lymphoma cell lines. Expressed in many hormone-independent mammary carcinoma cell lines.</p>
疾病相关	<p>Cataract 30</p>
序列相似性	<p>Belongs to the intermediate filament family.</p>
结构域	<p>The central alpha-helical coiled-coil rod region mediates elementary homodimerization.</p> <p>The [IL]-x-C-x-x-[DE] motif is a proposed target motif for cysteine S-nitrosylation mediated by the iNOS-S100A8/A9 transnitrosylase complex.</p>
翻译后修饰	<p>Filament disassembly during mitosis is promoted by phosphorylation at Ser-55 as well as by nestin (By similarity). One of the most prominent phosphoproteins in various cells of mesenchymal origin. Phosphorylation is enhanced during cell division, at which time vimentin filaments are significantly reorganized. Phosphorylation by PKN1 inhibits the formation of filaments.</p> <p>Phosphorylated at Ser-56 by CDK5 during neutrophil secretion in the cytoplasm. Phosphorylated by STK33.</p> <p>O-glycosylated during cytokinesis at sites identical or close to phosphorylation sites, this interferes with the phosphorylation status.</p> <p>S-nitrosylation is induced by interferon-gamma and oxidatively-modified low-density lipoprotein (LDL(ox)) possibly implicating the iNOS-S100A8/9 transnitrosylase complex.</p>
细胞定位	<p>Cytoplasm.</p>
形式	<p>Vimentin is found in connective tissue and in the cytoskeleton.</p>

图片



Separation of ESS-1 cells stained using ab176512 at 1 µg/ml (red) from unstained ESS-1 cells (black) in flow cytometry analysis (intracellular staining).

Flow Cytometry (Intracellular) - APC Anti-Vimentin antibody [VI-RE/1] (ab176512)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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