# abcam

## Product datasheet

## Anti-Integrin alpha 3 antibody [F35 177-1] ab20140

★★★★★ 1 Abreviews 1 References 1 图像

#### 概述

产品名称 Anti-Integrin alpha 3抗体[F35 177-1]

**小**鼠单克隆抗体[F35 177-1] to Integrin alpha 3

**宿主** Mouse

经测试应用 适用于: IHC-Fr, IHC-FoFr

种属反应性 与反应: Human

免疫原 Tissue, cells or virus corresponding to Human Integrin alpha 3. MTSV1-7 HYE - human breast

epithelial cells

常规说明 Fusion Partner: NS2

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.

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

#### 性能

形式 Liquid

存放说明 Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -

80°C. Avoid freeze / thaw cycle.

存储溶液 Preservative: 0.02% Sodium azide

F35 177-1

Constituent: 99.98% PBS

纯**度** Protein A/G purified

**克隆** 单克隆

同种型 lgG1

轻链类型 unknown

应用

克隆编号

1

#### The Abpromise quarantee

#### Abpromise™承诺保证使用ab20140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
IHC-Fr	**** <u>(1)</u>	Use at an assay dependent concentration. Fix with acetone.
IHC-FoFr		Use at an assay dependent concentration.

#### 靶标

功能 Integrin alpha-3/beta-1 is a receptor for fibronectin, laminin, collagen, epiligrin, thrombospondin

and CSPG4. Alpha-3/beta-1 may mediate with LGALS3 the stimulation by CSPG4 of endothelial

cells migration.

组织**特异性** Isoform alpha-3A is widely expressed. Isoform alpha-3B is expressed in brain and heart. In brain,

both isoforms are exclusively expressed on vascular smooth muscle cells, whereas in heart isoform alpha-3A is strongly expressed on vascular smooth muscle cells, isoform alpha-3B is

detected only on endothelial vein cells.

序列相似性 Belongs to the integrin alpha chain family.

Contains 7 FG-GAP repeats.

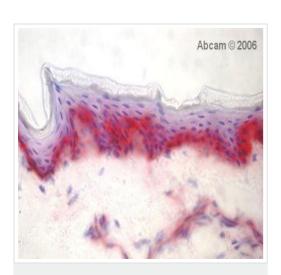
翻译后修饰 Isoform alpha-3A, but not isoform alpha-3B, is phosphorylated on serine residues.

Phosphorylation increases after phorbol 12-myristate 13-acetate stimulation. Isoform alpha-3A is

phosphorylated on Tyr-1051.

细胞定位 Membrane.

#### 图片



Immunohistochemistry (Frozen sections) - Anti-Integrin alpha 3 antibody [F35 177-1] (ab20140) Immunohistochemistry (Frozen sections) analysis of human skin tissue sections labeling Integrin alpha 3 with ab20140 at 1/1000 dilution. An undiluted goat anti-mouse polyclonal alkaline phosphatase conjugate was used as the secondary antibody.

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

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