

Product datasheet

Anti-Osteopontin antibody [EPR3688] ab91655

重组 RabMAb

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概述

产品名称	Anti-Osteopontin抗体[EPR3688]
描述	兔单克隆抗体[EPR3688] to Osteopontin
宿主	Rabbit
经测试应用	适用于: ICC/IF, WB, Flow Cyt 不适用于: IP
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide (Human)
阳性对照	WB: MOLT-4 or HeLa cell lysate. Ms heart and kidney. Weaker signal with Ms brain. IHC: Human colon adenocarcinoma. ICC/IF: HeLa cells.
常规说明	<p>Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents</p> <p>This product is a recombinant rabbit monoclonal antibody.</p>

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. Avoid freeze / thaw cycle.
存储溶液	PBS 49%, Sodium azide 0.01%, Glycerol 50%, BSA 0.05%
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	EPR3688
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab91655** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

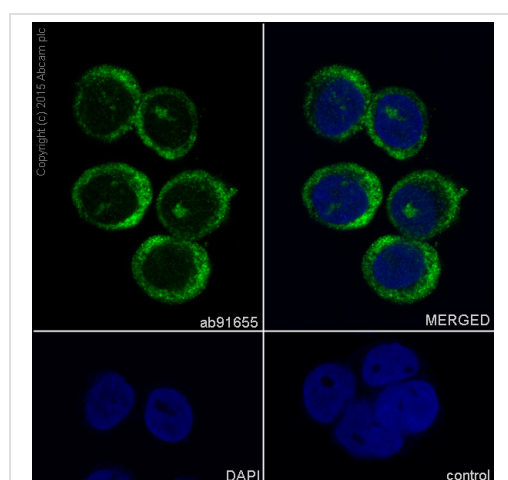
应用	Ab评论	说明
ICC/IF		1/100 - 1/250.
WB	★★★★★	1/1000 - 1/10000. Predicted molecular weight: 35 kDa. Can be blocked with Osteopontin peptide (ab189325) .
Flow Cyt		1/40. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

应用说明 Is unsuitable for IP.

靶标

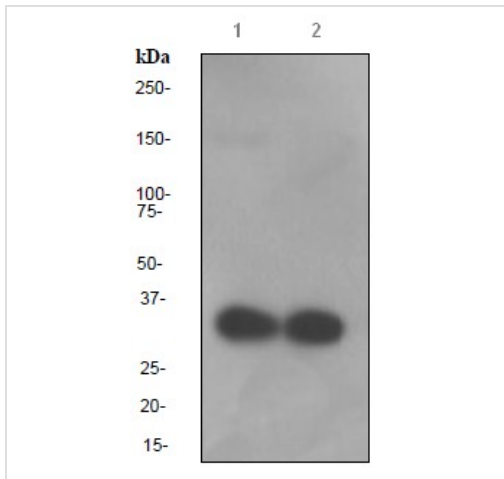
功能	Binds tightly to hydroxyapatite. Appears to form an integral part of the mineralized matrix. Probably important to cell-matrix interaction. Acts as a cytokine involved in enhancing production of interferon-gamma and interleukin-12 and reducing production of interleukin-10 and is essential in the pathway that leads to type I immunity.
组织特异性	Bone. Found in plasma.
序列相似性	Belongs to the osteopontin family.
翻译后修饰	Extensively phosphorylated on clustered serine residues. N- and O-glycosylated. Phosphorylation sites are present in the extracellular medium.
细胞定位	Secreted.

图片



Immunofluorescence staining of HT-29 cells with purified ab91655 at a working dilution of 1/500, counter-stained with DAPI. The secondary antibody was an Alexa Fluor® 488 conjugated goat anti-rabbit ([ab150077](#)), used at a dilution of 1/1000. The cells were fixed in 100% methanol. The negative control is shown in bottom right hand panel - for the negative control, PBS was used instead of the primary antibody.

Immunocytochemistry/ Immunofluorescence - Anti-Osteopontin antibody [EPR3688] (ab91655)



Western blot - Osteopontin antibody [EPR3688]
(ab91655)

All lanes : Anti-Osteopontin antibody
[EPR3688] (ab91655) at 1/1000 dilution

Lane 1 : MOLT-4 cell lysate

Lane 2 : HeLa cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled Goat anti-Rabbit at
1/2000 dilution

Predicted band size: 35 kDa

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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