abcam

Product datasheet

PE Anti-pan Cadherin - Intercellular Junction Marker antibody [EPR1792Y] ab303080

Recombinant

RabMAb

1 Image

Overview

Product name PE Anti-pan Cadherin - Intercellular Junction Marker antibody [EPR1792Y]

Description PE Rabbit monoclonal [EPR1792Y] to pan Cadherin - Intercellular Junction Marker

Host species Rabbit

Conjugation PE. Ex: 488nm, Em: 575nm

Tested applications Suitable for: Target binding affinity, Antibody labelling

Immunogen Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.

General notes

This $\underline{\textbf{conjugated primary antibody}}$ is released using a quantitative quality control method that

 $evaluates\ binding\ affinity\ post-conjugation\ and\ efficiency\ of\ antibody\ labeling.$

For suitable applications and species reactivity, please refer to the unconjugated version of this

clone. This conjugated antibody is eligible for Abtrial: learn more **here**.

 $This \ product \ is \ a \ recombinant \ monoclonal \ antibody, \ which \ offers \ several \ advantages \ including:$

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information see here.

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb**[®] **patents**.

Properties

Form Liquid

Storage instructions Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at +4°C. Store

In the Dark.

Storage buffer pH: 7.40

Preservative: 0.02% Sodium azide Constituents: 98% PBS, 1% BSA

Purity Protein A purified

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Clonality Monoclonal
Clone number EPR1792Y

Isotype IgG

Applications

The Abpromise guarantee

Our Abpromise guarantee covers the use of ab303080 in the following tested applications.

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

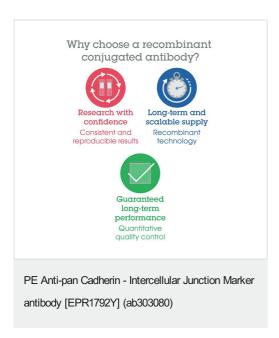
Application	Abreviews	Notes
Target binding affinity		Use at an assay dependent concentration.
Antibody labelling		Use at an assay dependent concentration.

Target

Relevance

Cadherins are members of a multigene family of single chain glycoprotein receptors mediating calcium dependent cell-cell adhesion. They play an important role in the growth and development of cells via the mechanisms of control of tissue architecture and the maintenance of tissue integrity. Cadherins are expressed in a tissue specific manner and and are required for assembly of cells into solid tissue. Individual cadherin molecules are known to co-operate with each other to form a linear cell adhesion zipper. In adhesion junctions cadherins are bound to beta and gamma catenins which in turn bind to alpha catenin, an actin binding protein. Cadherins play an important part in tumor invasion and metastasis.

Images



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