abcam

Product datasheet

Anti-OB Cadherin antibody [16G5] ab151446

3 References 1 Image

Overview

Product name	Anti-OB Cadherin antibody [16G5]
Description	Mouse monoclonal [16G5] to OB Cadherin
Host species	Mouse
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Human
Immunogen	Extracellular Cadherin domain 1 of OB Cadherin fused to maltose binding protein (P55287).
General notes	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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.1% Sodium azide Constituent: 99% PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	16G5
Myeloma	NS1
Isotype	IgG1

Applications

The Abpromise guarantee	Our **Abpromise guarantee** covers the use of ab151446 in the following tested applications.

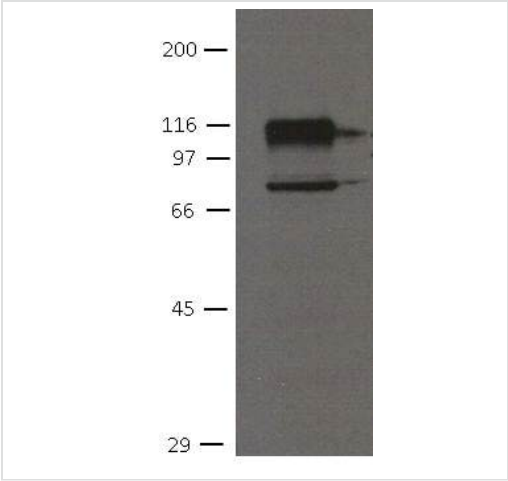
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/100. Predicted molecular weight: 87 kDa.

Target

Function	Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types.
Tissue specificity	Expressed mainly in brain but also found in other tissues. Expressed in neuroblasts.
Involvement in disease	Note=A chromosomal aberration involving CDH11 is a common genetic feature of aneurysmal bone cyst, a benign osseous neoplasm. Translocation t(16;17)(q22;p13) with USP6. The translocation generates a fusion gene in which the strong CDH11 promoter is fused to the entire USP6 coding sequence, resulting in USP6 transcriptional up-regulation.
Sequence similarities	Contains 5 cadherin domains.
Cellular localization	Cell membrane.

Images



Western blot - Anti-OB Cadherin antibody [16G5] (ab151446)

Anti-OB Cadherin antibody [16G5] (ab151446) at 1/100 dilution + Scc-1 cells expressing exogenous OB Cadherin

Predicted band size: 87 kDa

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