

## Product datasheet

# Anti-Naked1 antibody [EPR8603] ab133650

Recombinant **RabMAb**

★★★★☆ 1 Abreviews 4 References 2 Images

### Overview

<b>Product name</b>	Anti-Naked1 antibody [EPR8603]
<b>Description</b>	Rabbit monoclonal [EPR8603] to Naked1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, WB, IHC-P, IP <b>Unsuitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	Synthetic peptide corresponding to a region within Human Naked1 (UniProt: Q969G9).
<b>Positive control</b>	HepG2, SW480 and 293T cell lysates; Human fetal kidney tissue lysate
<b>General notes</b>	

Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb<sup>®</sup> patents](#).

This product is a [recombinant rabbit monoclonal antibody](#).

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol, 0.05% BSA, 50% Tissue culture supernatant
<b>Purity</b>	Tissue culture supernatant
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR8603
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab133650** 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
ICC/IF		Use at an assay dependent concentration.
WB		1/10000 - 1/50000. Predicted molecular weight: 52 kDa.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
IP		1/10 - 1/100.

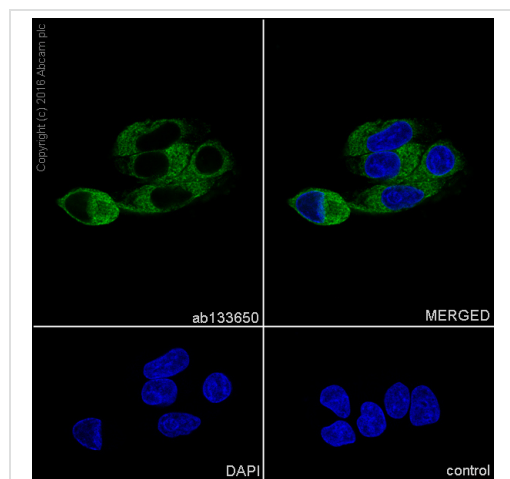
**Application notes** Is unsuitable for Flow Cyt.

## Target

**Relevance** Naked1 (Nkd1) is a homologue of Drosophila Naked cuticle, a negative regulator of Wnt/Wingless signaling pathway. Naked proteins contain a putative calcium-binding EF-hand motif; however, Drosophila Naked binds to zinc instead of calcium. Naked inhibits the canonical Wnt/ $\beta$ -catenin pathway by binding to Dishevelled proteins and directs Dishevelled activity towards the planar cell polarity pathway. Naked1 is a direct target of Wnt signaling and is overexpressed in some colon tumors due to constitutive activation of Wnt/ $\beta$ -catenin pathway.

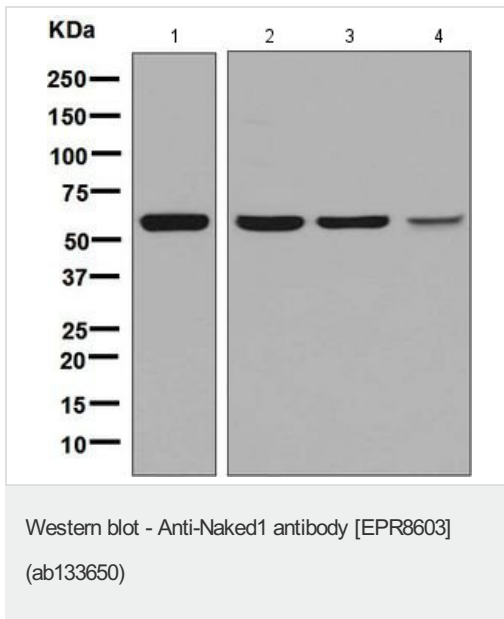
**Cellular localization** Cell membrane

## Images



Immunocytochemistry/Immunofluorescence analysis of HepG2 (Human liver hepatocellular carcinoma cell line) labeling Naked1 with Purified ab133650 at 1/500 dilution (5  $\mu$ g/ml). Cells were fixed with 4% PFA and permeabilized with 0.1% tritonX-100. [ab150077](#) Goat anti rabbit IgG(Alexa Fluor<sup>®</sup> 488) at 1/1000 dilution was used as the secondary antibody. Nuclei were counterstained with DAPI. PBS was used instead of the primary antibody as the negative control.

Immunocytochemistry/ Immunofluorescence - Anti-Naked1 antibody [EPR8603] (ab133650)



**All lanes :** Anti-Naked1 antibody [EPR8603] (ab133650) at 1/10000 dilution

**Lane 1 :** HepG2 cell lysate

**Lane 2 :** SW480 cell lysate

**Lane 3 :** 293T cell lysate

**Lane 4 :** Human fetal kidney tissue lysate

Lysates/proteins at 10 µg per lane.

**Secondary**

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

**Predicted band size:** 52 kDa

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

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