

Product datasheet

Anti-Integrin beta 8 antibody ab80673

★★★★☆ 4 Abreviews 2 References 2 Images

Overview

Product name	Anti-Integrin beta 8 antibody
Description	Rabbit polyclonal to Integrin beta 8
Host species	Rabbit
Tested applications	Suitable for: ELISA, IHC-P, WB
Species reactivity	Reacts with: Rat, Human Predicted to work with: Mouse, Rabbit, Horse, Guinea pig, Cow, Cat, Dog, Pig
Immunogen	Synthetic peptide corresponding to Human Integrin beta 8 aa 614-663 (C terminal). Sequence: CTDPRSIGRFCEHCPTCYTACKENWNCMQCLHPHNLSQAILDQCKTSCAL Run BLAST with Run BLAST with
Positive control	Human placenta membrane lysate This antibody gave a positive result in IHC in the following FFPE tissue: Human normal placenta.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
Storage buffer	Constituents: 2% Sucrose, 98% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab80673** in the following tested applications.

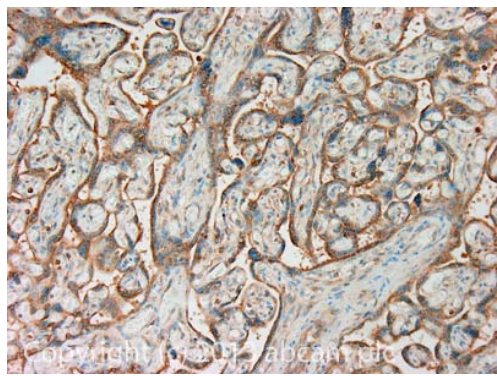
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		Use at an assay dependent concentration. Only Peptide ELISA tested
IHC-P	★★★★☆	Use a concentration of 1 µg/ml.
WB	★★★★☆	Use a concentration of 1 µg/ml. Detects a band of approximately 81 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

Target

Function	Integrin alpha-V/beta-8 is a receptor for fibronectin.
Tissue specificity	Placenta, kidney, brain, ovary, uterus and in several transformed cells. Transiently expressed in 293 human embryonic kidney cells.
Sequence similarities	Belongs to the integrin beta chain family. Contains 1 VWFA domain.
Cellular localization	Membrane.

Images

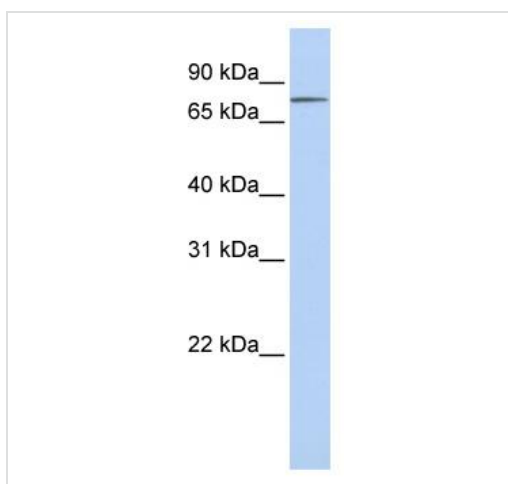


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Integrin beta 8 antibody (ab80673)

IHC image of Integrin beta 8 staining in human placenta formalin fixed paraffin embedded tissue section*, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab80673, 1µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

*Tissue obtained from the Human Research Tissue Bank, supported by the NIHR Cambridge Biomedical Research Centre



Western blot - Integrin beta 8 antibody (ab80673)

Anti-Integrin beta 8 antibody (ab80673) at 1 µg/ml + Placenta lysate at 10 µg

Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

Observed band size: 81 kDa

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