

Product datasheet

Anti-AE2 antibody ab42687

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Overview

Product name Anti-AE2 antibody

Description Rabbit polyclonal to AE2

① This product is a **fast track antibody**. It has been affinity purified and shows high titre values against the immunizing peptide by ELISA.

[Read the terms of use »](#)

Host species Rabbit

Species reactivity **Reacts with:** Human

Predicted to work with: Mouse, Rat, Rabbit, Horse, Guinea pig, Cow, Orangutan 

Immunogen Synthetic peptide corresponding to Human AE2 aa 200-300.
(Peptide available as [ab42686](#))

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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Storage buffer pH: 7.40
Preservative: 0.02% Sodium azide
Constituent: PBS

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Fast track antibodies constitute a diverse group of products that have been released to accelerate your research, but are not yet fully characterized. They have all been affinity purified and show high titre values against the immunizing peptide (by ELISA).

Fast track terms of use

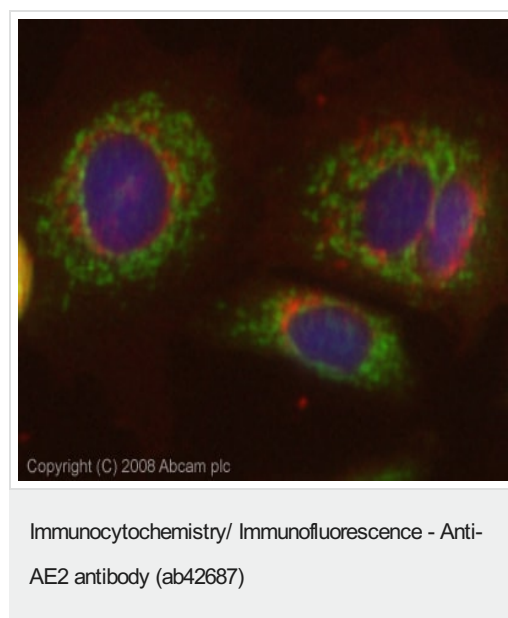
Application	Abreviews	Notes
ICC/IF		Use at an assay dependent concentration.

Target

Function	Plasma membrane anion exchange protein of wide distribution.
Sequence similarities	Belongs to the anion exchanger (TC 2.A.31) family.
Cellular localization	Membrane.

Images

This Fast-Track antibody is not yet fully characterised. These images represent **inconclusive preliminary data**.



ICC/IF image of ab42687 stained MCF7 cells. The cells were 100% methanol fixed (5 min), permabilised in 0.1% PBS-Tween (20 min) and incubated with the antibody (ab42687, 5µg/ml) for 1h at room temperature. 1%BSA / 10% normal goat serum / 0.3M glycine was used to block non-specific protein-protein interactions. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red). DAPI was used to stain the cell nuclei (blue). This antibody also gave a positive IF result in Hek293 cells fixed in 100% methanol at 5ug/ml. However, this Fast-Track antibody is not yet fully characterised. This image represents inconclusive preliminary data.

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

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors