

Product datasheet

Anti-HBEGF/DTR antibody [MM0324-3R44] ab89241

2 References

Overview

Product name	Anti-HBEGF/DTR antibody [MM0324-3R44]
Description	Mouse monoclonal [MM0324-3R44] to HBEGF/DTR
Host species	Mouse
Tested applications	Suitable for: Neutralising, WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant full length protein corresponding to Human HBEGF/DTR.
General notes	<p>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.</p> <p>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</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Constituent: PBS
Purity	Protein G purified
Purification notes	The IgG fraction of culture supernatant was purified by Protein G affinity chromatography.
Clonality	Monoclonal
Clone number	MM0324-3R44
Isotype	IgG2

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab89241 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
Neutralising		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.

Target

Function	May be involved in macrophage-mediated cellular proliferation. It is mitogenic for fibroblasts and smooth muscle but not endothelial cells. It is able to bind EGF receptors with higher affinity than EGF itself and is a far more potent mitogen for smooth muscle cells than EGF. Also acts as a diphtheria toxin receptor.
Sequence similarities	Contains 1 EGF-like domain.
Post-translational modifications	Several N-termini have been identified by direct sequencing. The forms with N-termini 63, 73 and 74 have been tested and found to be biologically active. O-linked glycan attachment sites were determined by Edman degradation, O-glycanase digest suggests mucin-type glycosylation (done in HB-EGF purified from histiocytic lymphoma cell line U-937).
Cellular localization	Cell membrane and Secreted > extracellular space. Mature HB-EGF is released into the extracellular space and probably binds to a receptor.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

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