


Product datasheet

Anti-ACTH antibody [57] - BSA and Azide free ab212736

1 Image

Overview

Product name	Anti-ACTH antibody [57] - BSA and Azide free
Description	Mouse monoclonal [57] to ACTH - BSA and Azide free
Host species	Mouse
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Mouse, Rat, Human Predicted to work with: Sheep, Guinea pig, Cow, a wide range of other species, Macaque monkey 
Immunogen	Synthetic peptide corresponding to Human ACTH (N terminal) conjugated to keyhole limpet haemocyanin. Database link: P01189
Positive control	Normal pituitary gland or pituitary tumor.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>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, as well as customer reviews and Q&As.</p>

Properties

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 long term. Avoid freeze / thaw cycle.
Storage buffer	Constituent: 100% PBS
Carrier free	Yes
Purity	Protein A/G purified
Purification notes	Purified from bioreactor concentrate by Protein A/G.
Clonality	Monoclonal
Clone number	57
Isotype	IgG1
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab212736** in the following tested applications.

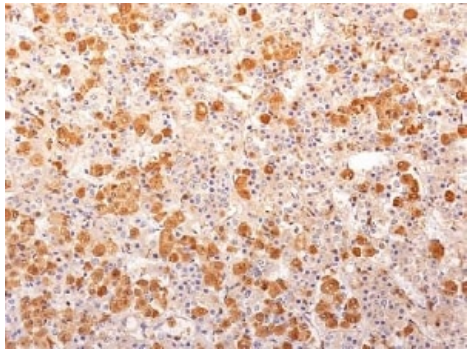
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 0.5 - 1 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. 30 minutes at room temperature.

Target

Relevance	ACTH occurs in cells of the anterior pituitary and in neurons in brain. It regulates the corticosteroid production in the adrenal cortex. Beta endorphin and Met enkephalin are endogenous opiates. MSH (melanocyte stimulating hormone) increases the pigmentation of skin by increasing melanin production in melanocytes.
Cellular localization	Secreted

Images



Immunohistochemical analysis of formalin fixed paraffin-embedded human pituitary gland sections labeling ACTH with ab212736 at 1 µg/mL.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ACTH antibody [57] - BSA and Azide free (ab212736)

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

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