


Product datasheet

Alexa Fluor® 405 Anti-alpha smooth muscle Actin (acetyl E3) + ACTG2 (acetyl E3) antibody [E184] ab210128

Recombinant RabMAb

[1 References](#) [2 Images](#)

Overview

Product name	Alexa Fluor® 405 Anti-alpha smooth muscle Actin (acetyl E3) + ACTG2 (acetyl E3) antibody [E184]
Description	Alexa Fluor® 405 Rabbit monoclonal [E184] to alpha smooth muscle Actin (acetyl E3) + ACTG2 (acetyl E3)
Host species	Rabbit
Conjugation	Alexa Fluor® 405. Ex: 402nm, Em: 421nm
Specificity	The antibody has been shown to detect P62736-ACTA (gene ACTA2): (Ac)-EEEDSTALVC and P63267-ACTH (gene ACTG2): (Ac)-EEETTALVC in indirect ELISA.
Tested applications	Suitable for: Flow Cyt (Intra)
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide within Human alpha smooth muscle Actin (N terminal). The exact sequence is proprietary.
Positive control	Flow Cyt (intra): HeLa cells.
General notes	<p>Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents.</p> <p>Alexa Fluor® is a registered trademark of Molecular Probes, Inc, a Thermo Fisher Scientific Company. The Alexa Fluor® dye included in this product is provided under an intellectual property license from Life Technologies Corporation. As this product contains the Alexa Fluor® dye, the purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). As this product contains the Alexa Fluor® dye the sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: in manufacturing; (ii) to provide a service, information, or data in return for payment (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are sold for use in research. For information on purchasing a license to this product for purposes other than research, contact</p>

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. Store In the Dark.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 30% Glycerol (glycerin, glycerine), 1% BSA, PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	E184
Isotype	IgG

Applications

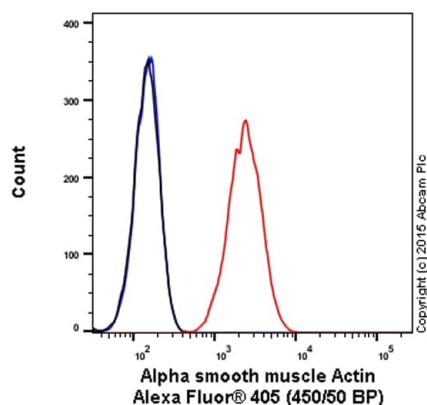
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab210128 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt (Intra)		1/50. The cellular localisation of this product has been verified in ICC/IF.

Target

Cellular localization alpha smooth muscle Actin: Cytoplasm > cytoskeleton. ACTG2: Cytoplasm > cytoskeleton.

Images



Flow Cytometry (Intracellular) - Alexa Fluor® 405
Anti-alpha smooth muscle Actin (acetyl E3) +
ACTG2 (acetyl E3) antibody [E184] (ab210128)

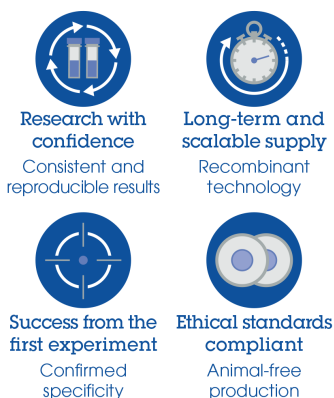
Overlay histogram showing HeLa cells stained with ab210128 (red line). The cells were fixed with 4% formaldehyde (10 min) and then permeabilized with 0.1% PBS-Triton X-100 for 15 min, blocked with Image-iT® FX Signal Enhancer for 30 min at 22°C and then blocked with 1x PBS / 10% normal goat serum for 1 hr at 22°C. Cells were then incubated with the antibody (ab210128, 1/50 dilution) for 30 min at 22°C.

Isotype control antibody (black line) was rabbit IgG (monoclonal) Alexa Fluor® 405 (**ab208150**) used at the same concentration and conditions as the primary antibody. Unlabelled sample (blue line) was also used as a control.

Acquisition of >5,000 events were collected using a 50mW violet laser (405nm) and 450/50 bandpass filter.

This antibody gave a positive signal in HeLa cells fixed with 80% methanol (5 min)/permeabilized with 0.1% PBS-Triton X-100 for 15 min used under the same conditions.

Why choose a recombinant antibody?



Alexa Fluor® 405 Anti-alpha smooth muscle Actin
(acetyl E3) + ACTG2 (acetyl E3) antibody [E184]
(ab210128)

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

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