


Anti-HGFA Inhibitor 2 antibody [EPR6283(2)] - BSA and Azide free ab248225

Recombinant RabMAb

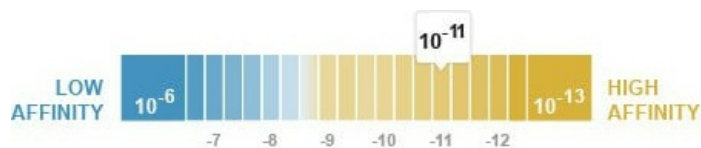
4 Images

Overview

Product name	Anti-HGFA Inhibitor 2 antibody [EPR6283(2)] - BSA and Azide free
Description	Rabbit monoclonal [EPR6283(2)] to HGFA Inhibitor 2 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, WB Unsuitable for: IHC-P or IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab248225 is the carrier-free version of ab128926.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <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>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Dissociation constant (K_D)	$K_D = 7.70 \times 10^{-11} \text{ M}$



[Learn more about \$K_D\$](#)

Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR6283(2)
Isotype	IgG

Applications

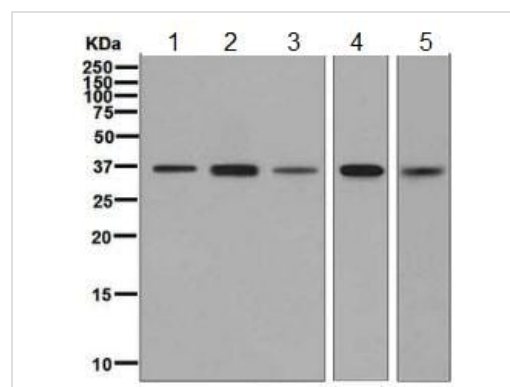
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab248225 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 34 kDa (predicted molecular weight: 28 kDa).

Application notes Is unsuitable for IHC-P or IP.

Target

Function	Inhibitor of HGF activator. Also inhibits plasmin, plasma and tissue kallikrein, and factor Xla.
Tissue specificity	Expressed in placenta, kidney, pancreas, prostate, testis, thymus, and trachea.
Involvement in disease	Defects in SPINT2 are the cause of diarrhea type 3 (DIAR3) [MIM:270420]; also known as congenital sodium diarrhea (CSD). DIAR3 is a rare, inherited diarrhea of infancy. A diagnosis of DIAR3 is made on the findings of a life-threatening secretory diarrhea, severe metabolic acidosis, and hyponatremia secondary to extraordinarily high fecal losses of sodium, with low or normal excretion of urinary sodium, in the absence of infectious, autoimmune, and endocrine causes.
Sequence similarities	Contains 2 BPT/Kunitz inhibitor domains.
Domain	This inhibitor contains two inhibitory domains.
Cellular localization	Membrane.



Western blot - Anti-HGFA Inhibitor 2 antibody [EPR6283(2)] - BSA and Azide free (ab248225)

All lanes : Anti-HGFA Inhibitor 2 antibody [EPR6283(2)] ([ab128926](#)) at 1/1000 dilution

Lane 1 : Fetal kidney tissue lysate

Lane 2 : MCF-7 cell lysate

Lane 3 : Human small intestine lysate

Lane 4 : Caco-2 cell lysate

Lane 5 : PC-3 lysate

Lysates/proteins at 10 µg per lane.

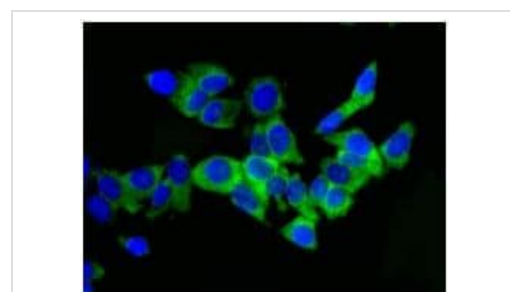
Secondary

All lanes : Goat anti-rabbit HRP at 1/2000 dilution

Predicted band size: 28 kDa

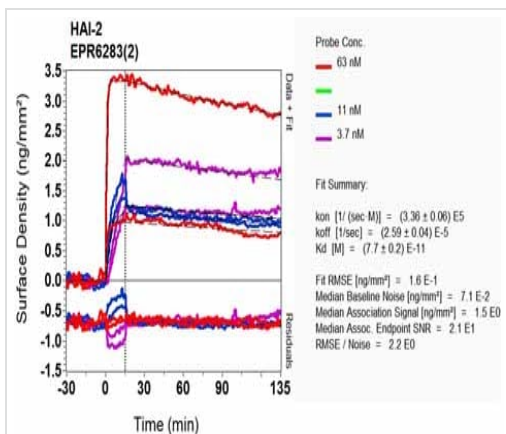
Observed band size: 34 kDa

This data was developed using [ab128926](#), the same antibody clone in a different buffer formulation.



Immunocytochemistry/ Immunofluorescence - Anti-HGFA Inhibitor 2 antibody [EPR6283(2)] - BSA and Azide free (ab248225)

This data was developed using [ab128926](#), the same antibody clone in a different buffer formulation. [ab128926](#), at 1/250 dilution, staining HGFA Inhibitor 2 in MCF-7 cells by Immunofluorescence.



SPR Scanning - Anti-HGFA Inhibitor 2 antibody
[EPR6283(2)] - BSA and Azide free (ab248225)

This data was developed using [ab128926](#), the same antibody clone in a different buffer formulation. Equilibrium dissociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-HGFA Inhibitor 2 antibody [EPR6283(2)] - BSA and Azide free (ab248225)

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

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