


## Product datasheet

# Anti-HGFA Inhibitor 2 antibody [EPR6283(2)] ab128926

Recombinant RabMAb

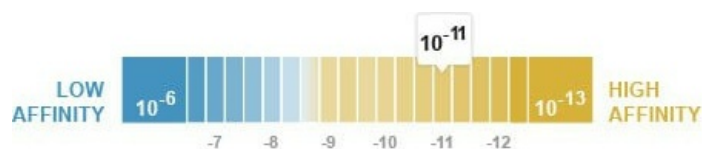
[4 References](#) [4 Images](#)

### Overview

<b>Product name</b>	Anti-HGFA Inhibitor 2 antibody [EPR6283(2)]
<b>Description</b>	Rabbit monoclonal [EPR6283(2)] to HGFA Inhibitor 2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, ICC/IF <b>Unsuitable for:</b> IHC-P or IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
<b>Immunogen</b>	Synthetic peptide within Human HGFA Inhibitor 2 aa 100-200 (extracellular). The exact sequence is proprietary.
<b>Positive control</b>	WB: Human Caco-2, MCF7, PC-3, BxPC-3, MDA-MB-435S whole cell lysates.
<b>General notes</b>	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> For more information <a href="#">see here</a> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> .

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
<b>Dissociation constant (K<sub>D</sub>)</b>	K <sub>D</sub> = 7.70 x 10 <sup>-11</sup> M



[Learn more about K<sub>D</sub>](#)

<b>Storage buffer</b>	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR6283(2)
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab128926 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

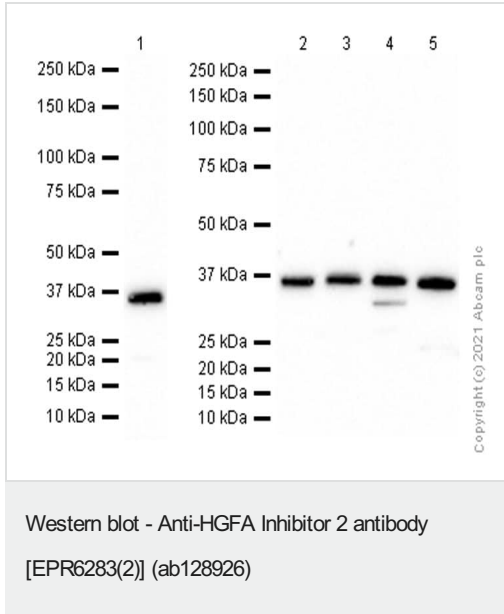
Application	Abreviews	Notes
<b>WB</b>		1/1000 - 1/10000. Detects a band of approximately 34 kDa (predicted molecular weight: 28 kDa).
<b>ICC/IF</b>		1/250 - 1/500.

**Application notes** Is unsuitable for IHC-P or IP.

## Target

<b>Function</b>	Inhibitor of HGF activator. Also inhibits plasmin, plasma and tissue kallikrein, and factor XIa.
<b>Tissue specificity</b>	Expressed in placenta, kidney, pancreas, prostate, testis, thymus, and trachea.
<b>Involvement in disease</b>	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.
<b>Sequence similarities</b>	Contains 2 BPTI/Kunitz inhibitor domains.
<b>Domain</b>	This inhibitor contains two inhibitory domains.
<b>Cellular localization</b>	Membrane.

## Images



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

**Lane 1 :** Caco-2 (Human colorectal adenocarcinoma epithelial cell) whole cell lysate at 15 µg

**Lane 2 :** MCF7 (Human breast adenocarcinoma epithelial cell) whole cell lysate at 20 µg

**Lane 3 :** PC-3 (Human prostate adenocarcinoma epithelial cell) whole cell lysate at 20 µg

**Lane 4 :** BxPC-3 (Human pancreas adenocarcinoma epithelial cell) whole cell lysate at 20 µg

**Lane 5 :** MDA-MB-435S (Human mammary gland ductal carcinoma melanocyte) whole cell lysate at 20 µg

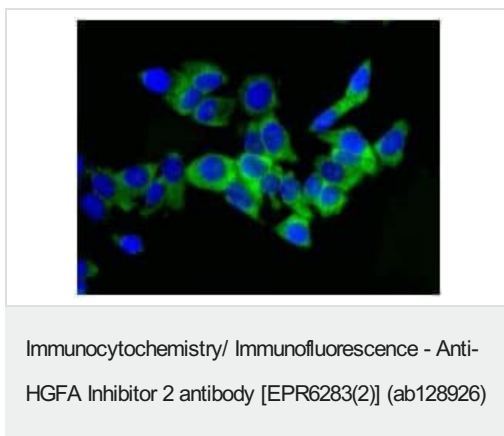
#### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

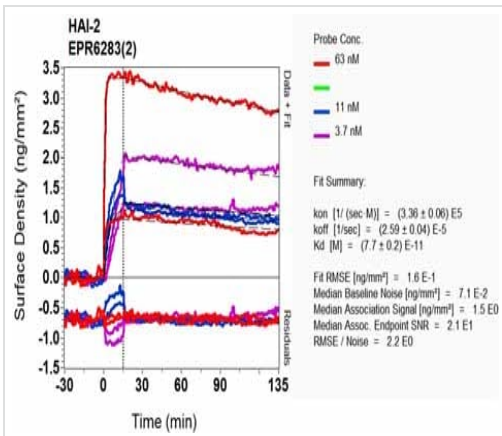
**Predicted band size:** 28 kDa

**Observed band size:** 34 kDa

**Blocking buffer:** 5% NFDN/TBST.



ab128926, at 1/250 dilution, staining HGFA Inhibitor 2 in MCF-7 cells by Immunofluorescence.



SPR Scanning - Anti-HGFA Inhibitor 2 antibody  
[EPR6283(2)] (ab128926)

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)]  
(ab128926)

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

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