

Anti-Angiopoietin 1 antibody [EPR2888(N)] - BSA and Azide free ab250679

Recombinant RabMAb

[3 Images](#)

Overview

Product name	Anti-Angiopoietin 1 antibody [EPR2888(N)] - BSA and Azide free
Description	Rabbit monoclonal [EPR2888(N)] to Angiopoietin 1 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: U87-MG, HeLa, C6, RAW 264.7, K562, and ECV-304 cell lysates.
General notes	ab250679 is the carrier-free version of ab183701 .

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.

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.

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.

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.

This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information [see here](#).

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb[®] patents](#).

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR2888(N)
Isotype	IgG

Applications

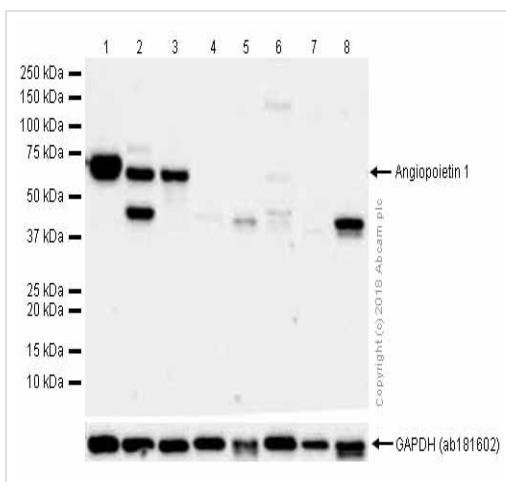
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab250679 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 70 kDa (predicted molecular weight: 57 kDa).

Target

Function	Binds and activates TIE2 receptor by inducing its tyrosine phosphorylation. Implicated in endothelial developmental processes later and distinct from that of VEGF. Appears to play a crucial role in mediating reciprocal interactions between the endothelium and surrounding matrix and mesenchyme. Mediates blood vessel maturation/stability. It may play an important role in the heart early development.
Sequence similarities	Contains 1 fibrinogen C-terminal domain.
Post-translational modifications	Glycosylated.
Cellular localization	Secreted.

Images



Western blot - Anti-Angiopoietin 1 antibody
[EPR2888(N)] - BSA and Azide free (ab250679)

All lanes : Anti-Angiopoietin 1 antibody [EPR2888(N)] (**ab183701**)
at 1/10000 dilution (Purified)

Lane 1 : U-87 MG (Human glioblastoma-astrocytoma epithelial cell) whole cell lysates

Lane 2 : C6 (Rat glial tumor glial cell) whole cell lysates

Lane 3 : RAW 264.7 (Mouse Abelson murine leukemia virus-induced tumor macrophage) whole cell lysates

Lane 4 : Human brain lysates

Lane 5 : Mouse brain lysates

Lane 6 : Rat brain lysates

Lane 7 : Human heart lysates

Lane 8 : Mouse heart lysates

Lysates/proteins at 20 µg per lane.

Secondary

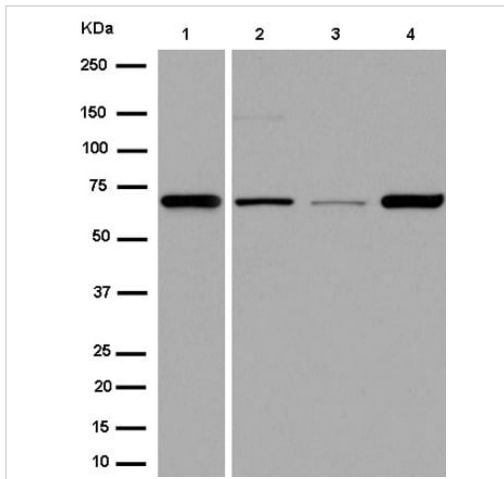
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Predicted band size: 57 kDa

Observed band size: 70 kDa

This data was developed using **ab183701**, the same antibody clone in a different buffer formulation.

This antibody is unsuitable to detect tissue lysate samples.



Western blot - Anti-Angiopoietin 1 antibody [EPR2888(N)] - BSA and Azide free (ab250679)

All lanes : Anti-Angiopoietin 1 antibody [EPR2888(N)] (**ab183701**) at 1/50000 dilution

Lane 1 : U87-MG cell lysate

Lane 2 : HeLa cell lysate

Lane 3 : K562 cell lysate

Lane 4 : ECV-304 cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 57 kDa

This data was developed using **ab183701**, the same antibody clone in a different buffer formulation.

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-Angiopoietin 1 antibody [EPR2888(N)] - BSA and Azide free (ab250679)

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