




Product datasheet

Anti-IGFBP4 antibody [C15] ab239594

5 Images

Overview

Product name	Anti-IGFBP4 antibody [C15]
Description	Mouse monoclonal [C15] to IGFBP4
Host species	Mouse
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Rat, Human Predicted to work with: Sheep, Cow, Pig 
Immunogen	Recombinant full length protein (His-tag) corresponding to Human IGFBP4 aa 1 to the C-terminus. N- terminal tag (Expressed in E.coli). Database link: P22692 <div>  Run BLAST with  Run BLAST with </div>
Positive control	IHC-P: Human liver and colon tissues. WB: Rat placenta and uterus lysates; Recombinant human IGFBP4 protein.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>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, along with publications, customer reviews and Q&As</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 long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.011% Proclin 300 Constituents: 55.77% Glycerol (glycerin, glycerine), 44.219% PBS
Purity	Protein A/G purified
Purification notes	Purified from TCS.
Clonality	Monoclonal

Clone number	C15
Isotype	IgG1
Light chain type	kappa

Applications

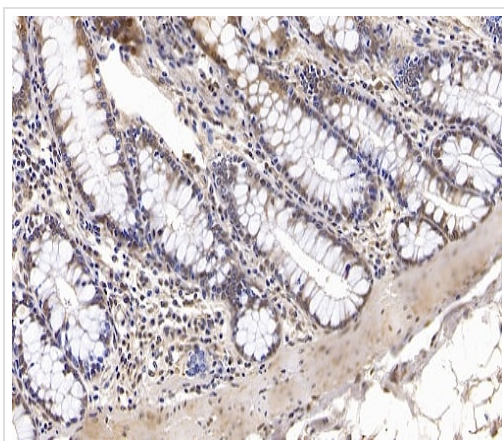
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab239594 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.5 - 5 µg/ml. Predicted molecular weight: 28 kDa.
IHC-P		Use a concentration of 5 - 30 µg/ml.

Target

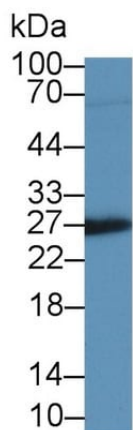
Function	IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors.
Sequence similarities	Contains 1 IGFBP N-terminal domain. Contains 1 thyroglobulin type-1 domain.
Cellular localization	Secreted.

Images



Paraffin-embedded human colon tissue stained for IGFBP4 using ab239594 at 10 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IGFBP4 antibody [C15] (ab239594)



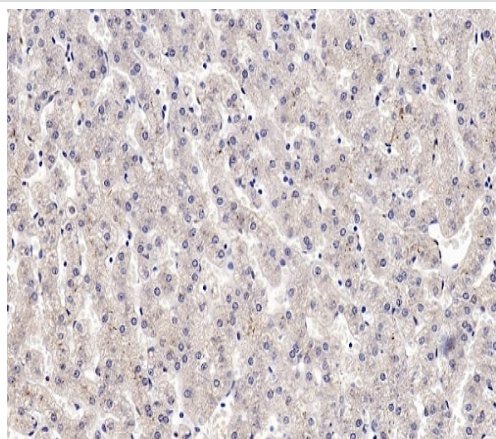
Western blot - Anti-IGFBP4 antibody [C15]
(ab239594)

Anti-IGFBP4 antibody [C15] (ab239594) at 2 µg/ml + Rat placenta lysate

Secondary

HRP-Goat Anti-Mouse IgG at 0.2 µg/ml

Predicted band size: 28 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IGFBP4 antibody [C15]
(ab239594)

Paraffin-embedded human liver tissue stained for IGFBP4 using ab239594 at 30 µg/ml in immunohistochemical analysis. DAB staining.



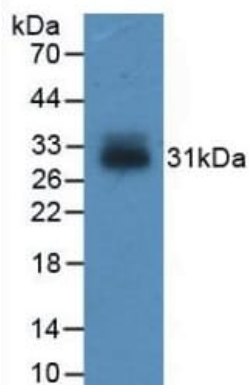
Anti-IGFBP4 antibody [C15] (ab239594) at 2 µg/ml + Rat uterus lysate

Secondary

HRP-Goat Anti-Mouse IgG at 0.2 µg/ml

Predicted band size: 28 kDa

Western blot - Anti-IGFBP4 antibody [C15]
(ab239594)



Anti-IGFBP4 antibody [C15] (ab239594) at 5 µg/ml + Recombinant human IGFBP4 protein

Predicted band size: 28 kDa

Western blot - Anti-IGFBP4 antibody [C15]
(ab239594)

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