

## Product datasheet

# Anti-FUT4 antibody [6B11B4] ab181461

★★★★★ 1 Abreviews 1 References 3 Images

### Overview

<b>Product name</b>	Anti-FUT4 antibody [6B11B4]
<b>Description</b>	Mouse monoclonal [6B11B4] to FUT4
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	<p>Recombinant fragment corresponding to Human FUT4 aa 199-302. (Expressed in E.coli). Sequence:</p> <p>GGRDSAPRPPDCRLRFNISGCRLLTDRASYGEAQAVLF HHRDLVKGPPD WPPPWGIQAHTAEEVDLRVLDYEEAAAAAEALATSSPRP PGQRWVWMNFE SPSH</p> <p>Database link: <a href="#">P22083</a></p> <p style="text-align: right;"> <a href="#">Run BLAST with</a>                 <a href="#">Run BLAST with</a> </p>
<b>Positive control</b>	Jurkat cell lysate; FUT4 (AA: 199-302)-hlgGFc transfected HEK293 cell lysate; FUT4 recombinant protein.
<b>General notes</b>	<p>This product was changed from ascites to supernatant. Lot no's high than GR170435-13 are from Tissue Culture Supernatant</p> <p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications &amp; species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications &amp; species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications &amp; species that this product has been "predicted to work with," however this information is not covered by our Abpromise guarantee.</p> <p>Applications &amp; species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p>

Please check that this product meets your needs before purchasing. 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, as well as customer reviews and Q&As.

## Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	Preservative: 0.05% Sodium azide Constituent: 99% PBS  Contains 0.5% protein stabilizer.
<b>Purity</b>	Protein G purified
<b>Purification notes</b>	Purified from tissue culture supernatant.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	6B11B4
<b>Isotype</b>	IgG2b

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab181461** 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		1/500 - 1/2000. Predicted molecular weight: 59 kDa.

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## Target

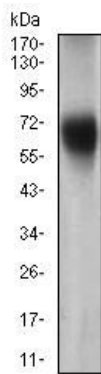
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<b>Function</b>	May catalyze alpha-1,3 glycosidic linkages involved in the expression of Lewis X/SSEA-1 and VIM-2 antigens.
<b>Pathway</b>	Protein modification; protein glycosylation.
<b>Sequence similarities</b>	Belongs to the glycosyltransferase 10 family.
<b>Cellular localization</b>	Golgi apparatus > Golgi stack membrane. Membrane-bound form in trans cisternae of Golgi.

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## Images

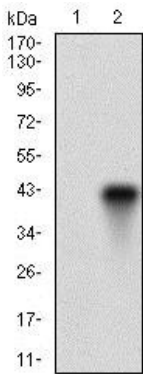
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Western blot - Anti-FUT4 antibody [6B11B4] (ab181461)

Anti-FUT4 antibody [6B11B4] (ab181461) at 1/500 dilution + Jurkat cell lysate

**Predicted band size: 59 kDa**



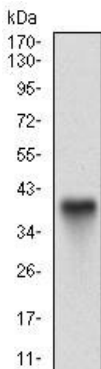
Western blot - Anti-FUT4 antibody [6B11B4] (ab181461)

**All lanes :** Anti-FUT4 antibody [6B11B4] (ab181461) at 1/500 dilution

**Lane 1 :** HEK293 cell lysate

**Lane 2 :** FUT4 (Amino acids: 199-302)-hlgGFc transfected HEK293 cell lysate

**Predicted band size: 59 kDa**



Western blot - Anti-FUT4 antibody [6B11B4] (ab181461)

Anti-FUT4 antibody [6B11B4] (ab181461) at 1/500 dilution + FUT4 recombinant protein

**Predicted band size: 59 kDa**

Expected MWt is 37 kDa.

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- Extensive multi-media technical resources to help you
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