



## Product datasheet

# Anti-DUSP12 antibody [28F3] ab237008

1 Image

### Overview

<b>Product name</b>	Anti-DUSP12 antibody [28F3]
<b>Description</b>	Mouse monoclonal [28F3] to DUSP12
<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 full length protein corresponding to Human DUSP12 aa 1-340. Purified from E. coli. Sequence:</p> <pre> MLEAPGPSDGCESNPSASRVSCAGQMLEVQPGLYFGG AAAVAEPDHLRE AGITAVLTVDSEEPSFKAGPGVEDLWRLFVPALDKPETDL LSHLDRCVAF IGQARAEGRAVLVHCHAGVSRVAITAFMKTDQLPFEKA YEKLQILKP EAKMNEGFQWQLKLYQAMGYEVDTSAMKQYRLQKVTE KYPELQNLQPE LFAVDPTTVSQGLKDEVLYKCRKCRSLFRSSSILDHREG SGPIAFAHCR MTPSSMLTTGRQAQCTSYFIEPVQWMESALLGVMDGQLL CPKCSAKLGSF NWYGEQCSCGRWITPAFQIHKNRVDEMKILPVLGSQTGKI </pre> <p>Database link: <a href="#">Q9UNI6</a></p> <p style="text-align: right;">  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> </p>
<b>Positive control</b>	WB: Bosc23 cell lysate transfected with Myc/DUSP12.
<b>General notes</b>	<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</p>

Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & 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.

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: 0.03% Sodium azide Constituents: HEPES, 0.87% Sodium chloride, 0.01% BSA, 50% Glycerol
<b>Purity</b>	Ammonium Sulphate Precipitation
<b>Purification notes</b>	Purified from TCS.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	28F3
<b>Isotype</b>	IgG2a
<b>Light chain type</b>	kappa

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab237008** 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		1/1000 - 1/2000. Predicted molecular weight: 38 kDa.

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## Target

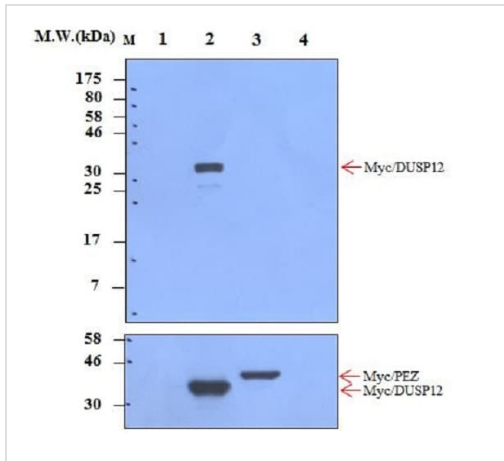
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<b>Tissue specificity</b>	Ubiquitous, highest expression in spleen, testis, ovary, and peripheral blood leukocytes and lower expression in liver and lung.
<b>Sequence similarities</b>	Belongs to the protein-tyrosine phosphatase family. Non-receptor class dual specificity subfamily. Contains 1 tyrosine-protein phosphatase domain.
<b>Cellular localization</b>	Nucleus.

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## Images

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Western blot - Anti-DUSP12 antibody [28F3]  
(ab237008)

**All lanes** : Anti-DUSP12 antibody [28F3] (ab237008) at 1/2000 dilution

**Lane 1** : Bosc23 cell lysate

**Lane 2** : Bosc23 cell lysate transfected with Myc/DUSP12

**Lane 3** : Bosc23 cell lysate transfected with Myc/PEZ

**Lane 4** : Bosc23 cell lysate transfected with GFP/Ub

**Predicted band size:** 38 kDa

Incubated with primary antibody at 4°C overnight, followed by secondary antibody incubation for 1 hour at room temperature.

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

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- 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
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