

# Anti-alpha 2u-globulin antibody [1D11] ab27160

★★★★★ 2 Abreviews

### Overview

<b>Product name</b>	Anti-alpha 2u-globulin antibody [1D11]
<b>Description</b>	Mouse monoclonal [1D11] to alpha 2u-globulin
<b>Host species</b>	Mouse
<b>Specificity</b>	ab27160 recognises alpha 2-microglobulin.
<b>Tested applications</b>	<b>Suitable for:</b> ELISA, Sandwich ELISA, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Rat
<b>Immunogen</b>	Full length native protein (purified) corresponding to Rat alpha 2u-globulin .
<b>General notes</b>	<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&amp;As</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	<p>pH: 7.40</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituents: 0.0268% PBS, 2.9% Sodium chloride</p>
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	1D11
<b>Myeloma</b>	x63-Ag8.653
<b>Isotype</b>	IgG2a
<b>Light chain type</b>	kappa

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab27160 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
ELISA		Use at an assay dependent concentration.
Sandwich ELISA		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.

## Target

### Relevance

Alpha 2 microglobulin is part of the lipocalin family. There are many different isoforms which exhibit extensive homology. It is a major urinary protein in male rats and is synthesised and secreted by hepatic parenchymal cells. Alpha 2 microglobulin is also known as MUP (major urinary protein) and is a very important allergen because it constitutes approximately 30% of the total protein content excreted in the urine. Rats are the most frequently used laboratory animals and allergy to them constitutes an occupational disease. Approximately 20 % of the personal engaged in work with laboratory animals have acquired symptoms of allergy.

### Cellular localization

Cytoplasmic and Secreted

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

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- Replacement or refund for products not performing as stated on the datasheet
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