

## Product datasheet

# Anti-HSDL2 antibody [2A11BG6AH6] ab110298

2 Images

### Overview

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<b>Product name</b>	Anti-HSDL2 antibody [2A11BG6AH6]
<b>Description</b>	Mouse monoclonal [2A11BG6AH6] to HSDL2
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> ICC, IP, In-Cell ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Other Immunogen Type. This information is considered to be commercially sensitive.
<b>Positive control</b>	Hela cell and human liver mitochondria.
<b>General notes</b>	<p>This antibody clone is manufactured by Abcam.</p> <p>Product was previously marketed under the MitoSciences sub-brand.</p> <p>If you require this antibody in a particular buffer formulation or a particular conjugate for your experiments, please contact <a href="mailto:orders@abcam.com">orders@abcam.com</a> or you can find further information <a href="#">here</a>.</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> <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&amp;As.</p>

## Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C. Do Not Freeze.
<b>Storage buffer</b>	Preservative: 0.02% Sodium azide Constituent: HEPES buffered saline
<b>Purity</b>	Ammonium Sulphate Precipitation
<b>Purification notes</b>	Purity near homogeneity as judge by SDS-PAGE. The antibody was produced in-vitro using hybridomas grown in serum-free medium and then purified by biochemical fractionation
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	2A11BG6AH6
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab110298** 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
ICC		Use a concentration of 10 µg/ml.
IP		Use at an assay dependent dilution.
In-Cell ELISA		Use a concentration of 0.4 µg/ml. (0.4 µg/well)

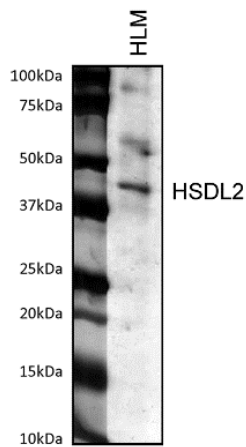
## Target

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<b>Function</b>	Has apparently no steroid dehydrogenase activity.
<b>Tissue specificity</b>	Ubiquitous.
<b>Sequence similarities</b>	Belongs to the short-chain dehydrogenases/reductases (SDR) family. Contains 1 SCP2 domain.
<b>Cellular localization</b>	Peroxisome.

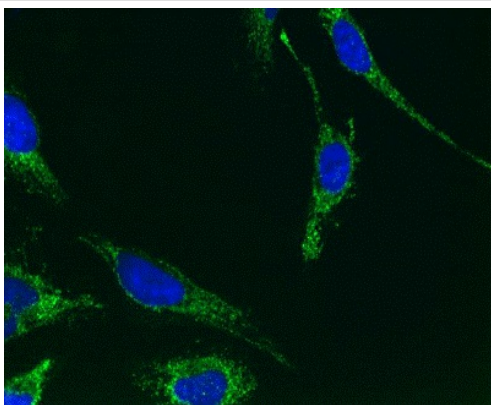
## Images

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Immunoprecipitation - Anti-HSDL2 antibody  
[2A11BG6AH6] (ab110298)

As an IP antibody, HSDL2 antibody [2A11BG6AH6 ] (ab110298) works with human sample only.



Immunocytochemistry - Anti-HSDL2 antibody  
[2A11BG6AH6] (ab110298)

Immunocytochemistry image of HSDL2 stained human HeLa cells. The cells were paraformaldehyde fixed (4%, 20 minutes) and Triton X-100 permeabilized (0.1%, 15 minutes). The cells were incubated with HSDL2 antibody [2A11BG6AH6 ](ab110298) at 10 µg/ml for 2 hours at room temperature or overnight at 4°C. The secondary antibody was (green) Alexa Fluor® 488 goat anti-mouse IgG (H+L) used at a 1/1000 dilution for 1 hour. 10% Goat serum was used as the blocking agent for all blocking steps.

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

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