

## Product datasheet

### Anti-POU Domain 2 antibody [6G6AC11] ab201325

[3 References](#) [1 Image](#)

#### Overview

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<b>Product name</b>	Anti-POU Domain 2 antibody [6G6AC11]
<b>Description</b>	Rat monoclonal [6G6AC11] to POU Domain 2
<b>Host species</b>	Rat
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Drosophila melanogaster
<b>Immunogen</b>	The details of the immunogen for this antibody are not available.
<b>Positive control</b>	Drosophila stage 10 embryos.
<b>General notes</b>	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact <a href="mailto:orders@abcam.com">orders@abcam.com</a>.</p> <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

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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>	pH: 7.5 Preservative: 0.02% Sodium azide Constituent: 99% HEPES buffered saline
<b>Purification notes</b>	Purity: 97.47%
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	6G6AC11
<b>Isotype</b>	IgG2a
<b>Light chain type</b>	kappa

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab201325 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

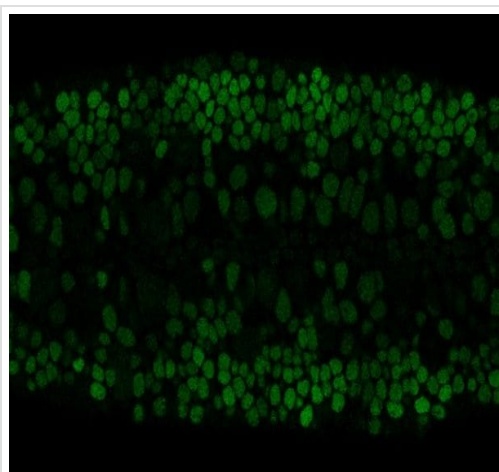
Application	Abreviews	Notes
ICC/IF		Use at an assay dependent concentration.

## Target

**Relevance** DNA-binding regulatory protein implicated in early development. Involved in neuronal cell fate decision. May act as an octamer-dependent activator of transcription. Could also play an early role in specific ectodermal cells, and a subsequent role in the embryonic nervous system. Expressed primarily during the first half of embryogenesis.

**Cellular localization** nucleus

## Images



Immunocytochemistry analysis in neuroblast nuclei from Drosophila stage 10 embryos. The cells were fixed in 4% formaldehyde for 25 minutes, permeabilized with 0.1% Triton X-100/PBS, and blocked in 0.1% Triton X-100/PBS, 2.5% Normal Goat Serum, 2.5% Normal Donkey Serum. The POU Domain 2 stain used ab201325 at 9 µg/mL, overnight at 4°C. The secondary antibody used was Alexa488 conjugated goat anti-rat at 1:400.

Immunocytochemistry/ Immunofluorescence - Anti-POU Domain 2 antibody [6G6AC11] (ab201325)

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

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