

Product datasheet

Anti-Deadpan antibody [11D1BC7] ab195173

★★★★★ 1 Abreviews 10 References 2 Images

Overview

Product name	Anti-Deadpan antibody [11D1BC7]
Description	Rat monoclonal [11D1BC7] to Deadpan
Host species	Rat
Tested applications	Suitable for: ICC/IF, IHC
Species reactivity	Reacts with: Drosophila melanogaster
Immunogen	Recombinant full length protein. This information is considered to be commercially sensitive.
Positive control	Drosophila larval brain, Drosophila stage 11 embryos.
General notes	This antibody clone is manufactured by Abcam. Product was previously marketed under the MitoSciences sub-brand. If you require this antibody in a particular buffer formulation or a particular conjugate for your experiments, please contact orders@abcam.com or you can find further information here .

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	Preservative: 0.02% Sodium azide Constituent: HEPES buffered saline
Purification notes	The purity of ab195173 is near homogeneity, as judged by SDS-PAGE. ab195173 was produced in vitro using hybridomas grown in serum-free medium, and then purified by biochemical fractionation. >95% based on SDS-PAGE.
Clonality	Monoclonal
Clone number	11D1BC7
Isotype	IgG2b
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab195173** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

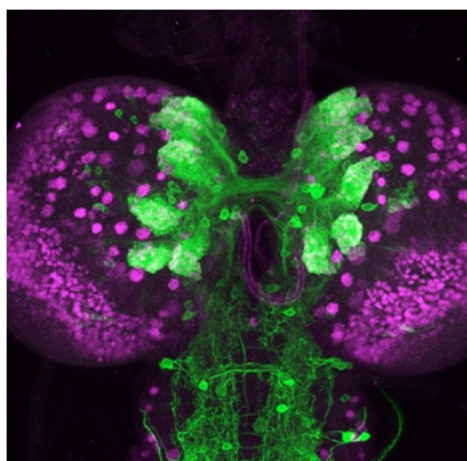
Application	Abreviews	Notes
ICC/IF	★★★★☆	Use a concentration of 10 µg/ml.
IHC		Use at an assay dependent concentration.

Target

Relevance Transcriptional repressor of genes that require a bHLH protein for their transcription. Likely to be involved in the functional rather than the morphological differentiation of neurons. Loss of DPN function results in weak motor activity, lethargic behavior, and death. Implicated in sex determination as Groucho-DPN complex act directly to repress SXL transcription

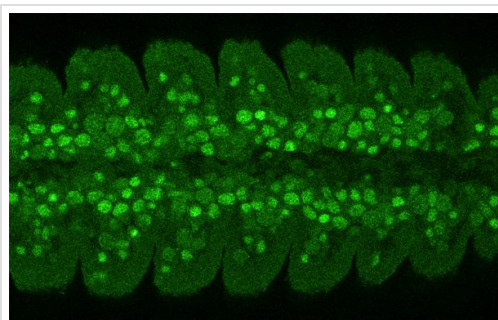
Cellular localization Nuclear

Images



Immunohistochemistry - Anti-Deadpan antibody
[11D1BC7] (ab195173)

Immunohistochemistry analysis using ab195173 detecting the nuclear transcription factor Deadpan protein in the neuroblasts of the third instar larval brain of *Drosophila melanogaster*. The brain was fixed in 4% formaldehyde (20 min) and then incubated in 1%BSA / 10% normal goat serum in 0.1% PBS-Tween for 1hr to permeabilise the cells and block non-specific protein-protein interactions. The brain was then incubated with ab195173 (10 µg/mL) overnight at +4°C and detected with Alexa Fluor® 555 goat anti-rat IgG. The counterstain was chicken anti-GFP detected with Alexa Fluor® 488 used according to manufacturer's instructions.



Immunohistochemistry - Anti-Deadpan antibody
[11D1BC7] (ab195173)

Immunohistochemistry analysis using ab195173 detecting *Drosophila* stage 11 embryos stained showing Deadpan (Dpn) protein in all neuroblast nuclei. The Deadpan stain used ab195173 at 10 µg/mL and detected with Alexa Fluor® 405 conjugated goat anti-rat (at 10µg/mL).

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

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