

Product datasheet

Anti-Calbindin antibody [CB-955] ab82812

★★★★☆ [7 Abreviews](#) [52 References](#) [2 Images](#)

Overview

Product name	Anti-Calbindin antibody [CB-955]
Description	Mouse monoclonal [CB-955] to Calbindin
Host species	Mouse
Tested applications	Suitable for: IHC-FoFr, WB, ICC/IF, IHC-P
Species reactivity	Reacts with: Mouse, Rat, Cow, Human
Immunogen	Synthetic peptide corresponding to Cow Calbindin.
Positive control	IHC-P: Rat cerebellum.
General notes	<p>This product was changed from ascites to tissue culture supernatant on 10th July 2019. Lot numbers higher than GR3258885 are from tissue culture supernatant. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</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&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.1% Sodium azide Constituent: PBS
Purity	Protein A purified
Purification notes	Purified from hybridoma cell culture is Protein A column.
Clonality	Monoclonal

Clone number CB-955
Isotype IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab82812 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
IHC-FoFr	★★★★★ (6)	Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration. PubMed: 20542987
IHC-P	★☆☆☆☆ (1)	Use a concentration of 10 - 20 µg/ml.

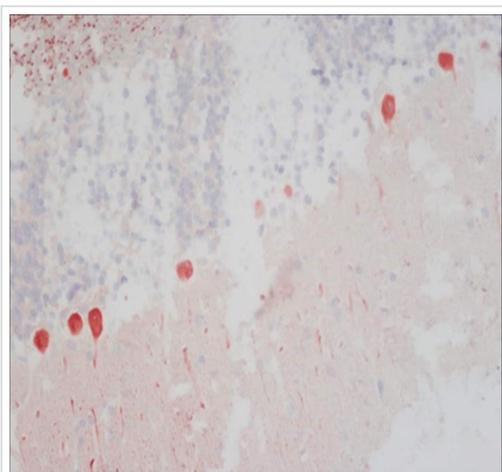
Target

Function Buffers cytosolic calcium. May stimulate a membrane Ca(2+)-ATPase and a 3',5'-cyclic nucleotide phosphodiesterase.

Sequence similarities Belongs to the calbindin family. Contains 5 EF-hand domains.

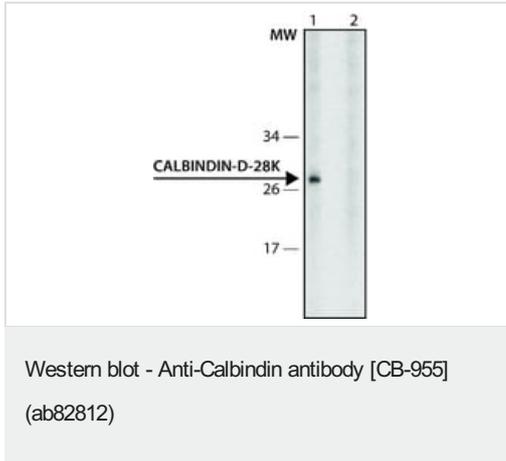
Domain This protein has four functional calcium-binding sites; potential sites II and VI have lost affinity for calcium.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of rat cerebellum tissue labelling Calbindin with ab82812 at 10 µg/mL.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Calbindin antibody [CB-955] (ab82812)



Lane 1 : Anti-Calbindin antibody [CB-955] (ab82812) at 4 µg/ml

Lane 2 : No primary control

All lanes : MDBK cell extract

Secondary

All lanes : Goat Anti-Mouse IgG (HRP)

Developed using the ECL technique.

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

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