

Datasheet for C115**Mouse Brain Acetone Tissue Powder****Overview**

Description:	Mouse Brain Acetone Tissue Powder - C115
Item No.:	C115
Size:	1 g
Applications:	IHC
Origin:	Mouse

Product Details

Synonyms:	Acetone powders prepared from mouse brain tissue, micronized mouse brain tissue powders, biologically active compounds from mouse brain
Species of Origin:	Mouse

Target Details

Purity/Specificity:	Tissue powders are produced by washing the various organs repeatedly in saline to remove blood followed by multiple precipitations in acetone until all lipid is removed. Acetone is removed by desiccation.
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Application Details

Suggested Applications:	IHC (Based on references)
Application Note:	Suitable for use as a specific adsorbent to remove unwanted reactivities or as a source material. Product provides a high nuclear content and is micronized to a fine powder.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Formulation

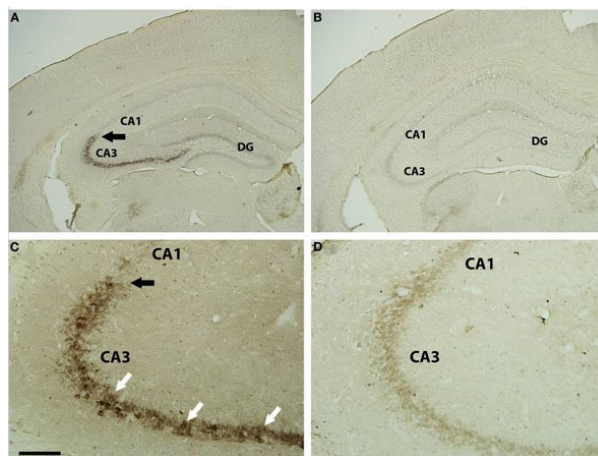
Physical State:	Powder
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Buffer:	None
Sterility:	Non-sterile
Preservative:	None
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	Store vial at 4° C or at -20° C or colder prior to opening product.
Expiration:	No expiration date is given for this product if properly stored.

Images



Immunohistochemistry

Brightfield WGA immunostaining in hippocampus of DBH-WGA (A,C) and wild type (B,D) mice. CA3 pyramidal cell bodies (A) were heavily filled with reaction product for WGA (white arrows in C). There was a clear demarcation at the CA3 border, with adjacent pyramidal neurons lacking reaction product (black arrows). Pyramidal neurons throughout the hippocampus of wild type mice lacked WGA reaction product. Scale bar is 500 μ m in A,B and 100 μ m in C,D. Preparation of the goat antiserum to WGA (Vector) consisted of preabsorption of the antibody (1:2000 in Tris B) with 2% mouse brain acetone powder (p/n C115) for 12–24 h at 4°C. Figure 2. PMID: 22654744.

References

- Walling, SG et al. Selective wheat germ agglutinin (WGA) uptake in the hippocampus from the locus coeruleus of dopamine- β -hydroxylase-WGA transgenic mice. *Frontiers in Behavioral Neuroscience* (2012)

Disclaimer

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