CERTIFICATE OF ANALYSIS – TECHNICAL DATA SHEET

Product name	B-FABP, Human, Recombinant		
Catalog number	HC2106		
Lot number	-	**Expiry date**	-
Volume	Reconstitute with 1 ml distilled/de-ionized water	**Activity**	N.A.
Formulation	Lyophilized in PBS	**Amount**	>50 µg
Host Species	Human	**Concentration**	N.A.
Endotoxin	N.A.	**Purification**	N.A.
Storage	4°C	**Purity**	N.A.

Application notes

	IHC-F	IHC-P	IF	FC	FS	IA	IP	W
Reference #								
Yes						•		•
No								
N.D.	•	•	•	•	•		•	

N.D.= Not Determined; IHC = Immuno histochemistry; F = Frozen sections; P = Paraffin sections; IF = Immuno Fluorescence; FC = Flow Cytometry; FS = Functional Studies; IA = Immuno Assays; IP = Immuno Precipitation; W = Western blot

For Western Blot and Immuno Assays dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:50.

General Information

Description B-FABP (brain fatty acid binding) protein is derived from the human FABP7 gene. FABPs are small intracellular proteins (~13-14 kDa) with a high degree of tissue specificity that bind long chain fatty acids. They are abundantly present in various cell types and play an important role in the intracellular utilization of fatty acids, transport and metabolism. There are at least nine distinct types of FABP, each showing a specific pattern of tissue expression. Due to its small size, FABP leaks rapidly out of ischemically damaged necrotic cells leading to a rise in serum levels. Ischemically damaged tissues are characterized histologically by absence (or low presence) of FABP facilitating recognition of such areas. B-FABP is localized in the brain and other neural tissues.

Aliases FABP7, MRG, BLBP, FABPB, DKFZp547J2313, Brain fatty acid binding protein

Storage&stability Lyophilized product should be stored at 4°C. Store stock solution in aliquots at –70°C. Repeated freeze and thaw cycles will cause loss of activity. Under recommended storage conditions, product is stable for at least one year.

Precautions Caution: vial is under vacuum. For research use only. Not for use in or on humans or animals or for diagnostics. It is the responsibility of the user to comply with all local/state and federal rules in the use of this product. Hycult Biotech is not responsible for any patent infringements that might result from the use or derivation of this product.

We hereby certify that the above-stated information is correct and that this product has been successfully tested by the Quality Control Department. This product was released for sale according to the existing specifications. This document has been produced electronically and is valid without a signature.

Approved by Manager of QC
Robbert Zwinkels

Date
23/03/2018

Do you have any questions or comments regarding this product? Please contact us via support@hycultbiotech.com.