

DESCRIPTION

Species Reactivity	Human/Mouse/Rat
Specificity	Detects human FABP2/I-FABP in direct ELISAs. Detects human, mouse, and rat FABP2/I-FABP in Western blots.
Source	Monoclonal Mouse IgG _{2A} Clone # 989821
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human FABP2/I-FABP Met1-Asp132 Accession # P12104
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Intestinal Fatty Acid Binding Protein (FABP2), also known as I-FABP or gFABP is a member of the fatty acid binding protein family of intracellular proteins. FABP2 is only expressed in intestine, and it mediates the absorption and intracellular transport of dietary long-chain fatty acids. Genetic variation of FABP2 is implicated in obesity and Type II diabetes.

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