

DESCRIPTION

Species Reactivity	Mouse/Rat
Specificity	Detects rat FABP1/L-FABP in direct ELISAs and Western blots. In direct ELISAs and Western blots no cross-reactivity with recombinant rat FABP2, recombinant human FABP3, recombinant mouse (rm) FABP4, or rmFABP5 is observed.
Source	Monoclonal Mouse IgG _{2B} Clone # 220119
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant rat FABP1/L-FABP Met1-Ile127 Accession # P02692
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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

FABP1, also known as liver FABP (L-FABP), Z-protein, and squalene- and sterol-carrier protein (SCP), is predominantly expressed in the liver, intestine, kidney and lung. FABP1 binds free fatty acids and their co-enzyme A derivatives and may be involved in intracellular lipid transport.

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