

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human FABP4/A-FABP in direct ELISAs and human and mouse FABP4/A-FABP in Western blots. In direct ELISAs, 100% cross-reactivity with recombinant mouse (rm) FABP4, 50% cross-reactivity with recombinant human (rh) FABP3, 15% cross-reactivity with rhF
Source	Monoclonal Rat IgG ₁ Clone # 804914
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human FABP4/A-FABP Met1-Ala132 Accession # P15090
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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.
ELISA	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

FABP4, also known as adipocyte P2 and A-FABP (adipocyte FABP), is a FABP family member that is expressed in adipocytes and monocyte-derived foam cells. It is a lipid transport protein that binds long chain fatty acid and retinoic acid. Human and mouse FABP4 share 91% amino acid sequence homology.

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