

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects human FABP9/T-FABP in direct ELISAs and Western blots. In direct ELISAs, 25% cross-reactivity with recombinant human (rh) FABP6 and rhFABP7 is observed and no cross-reactivity with recombinant mouse (rm) FABP4, rmFABP5, recombinant
Source	Monoclonal Rat IgG _{2A} Clone # 324926
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant mouse FABP9/T-FABP Met1-Val132 Accession # O08716
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 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

FABP9, also known as Testis FABP (T-FABP), testis lipid binding protein (TLBP), and PERF15, belongs to the FABP family of cytoplasmic proteins that are expressed in a tissue-specific manner. FABPs bind fatty acid ligands with high-affinity and may be involved in modulating lipid metabolism. Mouse and rat FABP9 share 99% amino acid sequence identity.

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