



# Rat anti-Human FABP5 monoclonal antibody, clone 422326 (CABT-B9422)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Immunogen	E. coli-derived recombinant human FABP5/E-FABP Ala2-Glu135
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Human
Clone	422326
Purification	Protein A/G
Conjugate	Unconjugated
Applications	FC, ICC, IF, WB
Format	Lyophilized
Concentration	0.5 mg/ml
Size	100 µg
Buffer	PBS with 5% trehalose
Preservative	no preservative
Storage	-20°C, Avoid Freeze/Thaw Cycles

## BACKGROUND

**Introduction**

This gene encodes the fatty acid binding protein found in epidermal cells, and was first identified as being upregulated in psoriasis tissue. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABPs may play roles in fatty acid uptake, transport, and metabolism. Polymorphisms in this gene are associated with type 2 diabetes. The human genome contains many pseudogenes similar to this locus.[provided by RefSeq, Feb 2011]

**Keywords**

FABP5; fatty acid binding protein 5 (psoriasis-associated); EFABP; KFABP; E-FABP; PAFABP; PA-FABP; fatty acid-binding protein, epidermal; epidermal-type fatty acid-binding protein; psoriasis-associated fatty acid-binding protein homolog;

## GENE INFORMATION

**Entrez Gene ID**[2171](#)**UniProt ID**[E7D VW5](#)