

## Anti-FABP4 Antibody (5W917)

### Product Details

Ig Type:	IgG1
Reactivity:	Human,Mouse
Molecular Weight:	Theoretical: 14 kDa. Actual: 14 kDa.
Clone:	5W917
Purification:	Protein G purified

### Applications

#### 1. Sample:

Lane 1: Mouse Adipose tissue lysates

Lane 2: Mouse Breast tissue lysates

Lane 3: Mouse Heart tissue lysates

Lane 4: Mouse Thymus tissue lysates

Primary: Anti-FABP4 (TMAB-00648) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution

Predicted band size: 14 kDa

Observed band size: 14 kDa

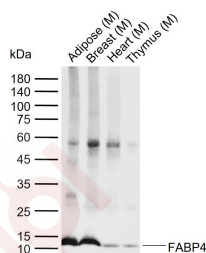
2. Paraformaldehyde-fixed, paraffin embedded Mouse Brown Fat; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with FABP4 Monoclonal Antibody, Unconjugated (TMAB-00648) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

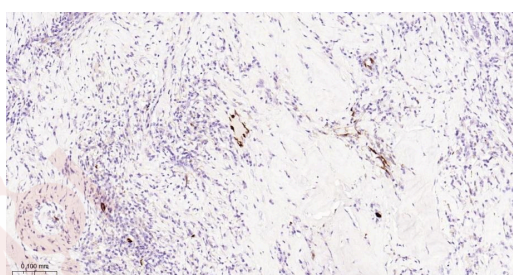
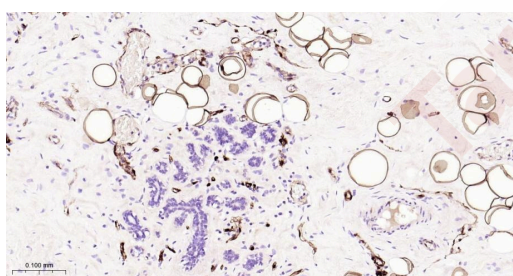
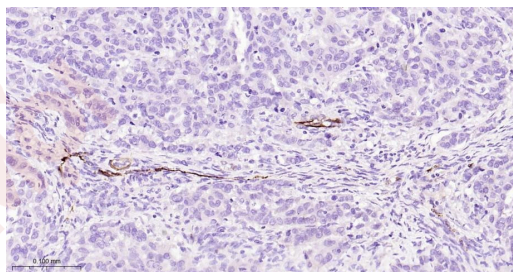
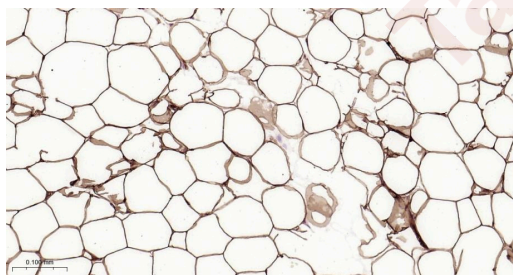
3. Paraformaldehyde-fixed, paraffin embedded Human Ovarian Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with FABP4 Monoclonal Antibody, Unconjugated (TMAB-00648) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

4. Paraformaldehyde-fixed, paraffin embedded Human Breast; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with FABP4 Monoclonal Antibody, Unconjugated (TMAB-00648) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

5. Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with FABP4 Monoclonal Antibody, Unconjugated (TMAB-00648) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

Verified Activity:





Application: IF,IHC-Fr,IHC-P,WB

Recommended IF=1:100-500; IHC-Fr=1:100-500; IHC-P=1:100-500; WB=1:500-2000

### Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

### Antigen Details

Immunogen: Recombinant Protein: human FABP4 protein

Antigen Species: Human

Gene ID: 2167

Uniprot ID: P15090

Synonyms: HEL-S-104;A-FABP;fatty acid binding protein 4, adipocyte;aP2;ALBP;AFABP

Biology Area: Metabolism of lipids and lipoproteins, Binding proteins, Metabolism, Fatty acids, Lipid metabolism, Fatty acid oxidation, Cancer, Lipid metabolism, Adipogenesis

Research Background

FABP4 encodes the fatty acid binding protein found in adipocytes. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. [provided by RefSeq].

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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