

Annexin II (AB2381) mouse mAb

W0217

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- WB; IF; ELISA

MW

- 38 kDa (calculated)
- 37 kDa (observed)

Isotype

- IgG3, kappa

Recommended Dilution Ratios

Application

WB; IF; ELISA

Dilution

WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality	Monoclonal
Clone Number	AB2381
Immunogen	A synthetic peptide corresponding to the amino acid region 100 - 200 of the human Annexin II protein.
Specificity	This antibody detects endogenous levels of Annexin II protein.
Purification	Affinity purification Protein A
Concentration	Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name	ANXA2 ANX2 ANX2L4 CAL1H LPC2D		
Protein Name	Annexin II		
Database Link	Organism	Swiss Prot.	Gene ID
	Human	P07355	302

Background	annexin A2 (ANXA2) Homo sapiens This gene encodes a member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. This protein functions as an autocrine factor which heightens osteoclast formation and bone resorption. This gene has three pseudogenes located on chromosomes 4, 9 and 10, respectively. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],
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