

## Annexin A1 (AB1491) mouse mAb

W0265

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human; Mouse; Rat;

#### Applications

- IHC; WB; IF; ELISA

#### MW

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

#### Isotype

- IgG1, kappa

### Recommended Dilution Ratios

#### Application

IHC; WB; IF; ELISA

#### Dilution

IHC, 1:200-1:1000 | 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  | AB1491                                                                                                |
| Immunogen     | A synthetic peptide corresponding to the amino acid region 250 - 346 of the human Annexin A1 protein. |
| Specificity   | This antibody detects endogenous levels of Annexin A1 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     | ANXA1      |             |         |
| Protein Name  | Annexin A1 |             |         |
| Database Link | Organism   | Swiss Prot. | Gene ID |
|               | Human      | P04083      | 301     |

#### Background

This gene encodes a membrane-localized protein that binds phospholipids. This protein inhibits phospholipase A2 and has anti-inflammatory activity. Loss of function or expression of this gene has been detected in multiple tumors. [provided by RefSeq, Dec 2014],