

## Recombinant BRAT1 Monoclonal Antibody

catalog number: AN301225L

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

Reactivity	Human
Immunogen	Recombinant Human BRAT1 protein
Host	Rabbit
Isotype	IgG,κ
Clone	B984
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications

### Recommended Dilution

WB	1:1000-1:5000
FC	1:100-1:500

### Data



Western Blot with Recombinant BRAT1 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: HeLa lysate.

Observed-MW:90 kDa

Calculated-MW:90 kDa

### Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

### Background

The protein encoded by this ubiquitously expressed gene interacts with the tumor suppressing BRCA1 (breast cancer 1) protein and the ATM (ataxia telangiectasia mutated) protein. ATM is thought to be a master controller of cell cycle checkpoint signalling pathways that are required for cellular responses to DNA damage such as double-strand breaks that are induced by ionizing radiation and complexes with BRCA1 in the multi-protein complex BASC (BRCA1-associated genome surveillance complex). The protein encoded by this gene is thought to play a role in the DNA damage pathway regulated by BRCA1 and ATM.

### For Research Use Only

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