



## Product Information Sheet

### Monoclonal Anti-BAP1

**Catalogue No.** MA1002

**Lot No.** 08A12

**Clone:** BP-1

**Ig type:** mouse IgG1

**Size:** 100µg/vial

#### Specificity

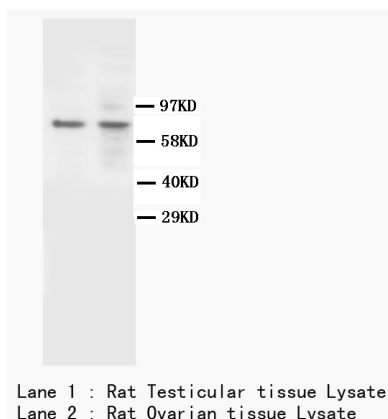
Human.

No cross reactivity with other proteins.

#### Recommended application

*Western blot*

*Immunocytochemistry*



#### Immunogen

Recombinant full-length BAP1.

#### Purification

Purified by the goat anti-mouse IgG affinity chromatography.

#### Application

*Western blot*

At 0.5µg/ml with the appropriate system to detect BAP1 in cells and tissues.

*Immunocytochemistry*

Suitable

*Other applications have not been tested.*

*Optimal dilutions should be determined by end user.*

#### Formulation

Lyophilized from 1.2% sodium acetate, with 2mg BSA and 0.01mg NaN<sub>3</sub> as preservative.

#### Reconstitution

1.2% sodium acetate or neutral PBS. If 1ml of PBS is used, the antibody concentration will be 100µg/ml.

#### Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for longer time.

To reorder contact us at:

**Antagene, Inc.**

**Toll Free: 1(866)964-2589**

**email: Info@antageneinc.com**

## **BACKGROUND**

BAP1,, also known as BRCA1-associated protein-1, contains an acidic region, a highly charged C-terminal region, and 2 putative nuclear localization signals. BAP1 is a novel ubiquitin hydrolase which binds to the BRCA1 RING finger and enhances BRCA1-mediated cell growth suppression. BAP1 is expressed as a 4-kb mRNA in all human tissues, and mapped to 3p21.3.

## **REFERENCE**

Jensen, D. E.; Proctor, M.; Marquis, S. T.; Gardner, H. P.; Ha, S. I.; Chodosh, L. A.; Ishov, A. M.; Tommerup, N.; Vissing, H.; Sekido, Y.; Minna, J.; Borodovsky, A.; Schultz, D. C.; Wilkinson, K. D.; Maul, G. G.; Barlev, N.; Berger, S. L.; Prendergast, G. C.; Rauscher, F. J., III : BAP1: a novel ubiquitin hydrolase which binds to the BRCA1 RING finger and enhances BRCA1-mediated cell growth suppression. *Oncogene* 16: 1097-1112, 1998.