

BAP1 Antibody [clone BAP1/2665] (V8483)

Catalog No.	Formulation	Size
V8483-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8483-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8483SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

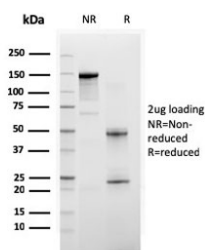
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Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG, kappa
Clone Name	BAP1/2665
Purity	Protein G affinity chromatography
UniProt	Q92560
Localization	Nuclear and Cytoplasmic
Applications	ELISA : order Ab without BSA for coating
Limitations	This BAP1 antibody is available for research use only.

Human Protein Microarray Specificity Validation



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using BAP1 antibody. These results demonstrate the foremost specificity of the BAP1/2665 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.



SDS-PAGE analysis of purified, BSA-free BAP1 antibody as confirmation of integrity and purity.

Description

The BAP1 gene belongs to the ubiquitin C-terminal hydrolase subfamily of de-ubiquitination enzymes that are involved in the removal of ubiquitin from proteins. The encoded enzyme binds to the breast cancer type 1 susceptibility protein (BRCA1) via the RING finger domain of the latter and acts as a tumor suppressor. In addition, the enzyme may be involved in regulation of transcription, regulation of cell cycle and growth, response to DNA damage and chromatin dynamics. Germ line mutations in this gene may be associated with tumor predisposition syndrome (TPDS), which involves increased risk of cancers including malignant mesothelioma, Uveal melanoma and cutaneous melanoma.

Application Notes

Optimal dilution of the BAP1 antibody should be determined by the researcher.

Immunogen

A portion of amino acids 191-326 from the human protein was used as the immunogen for the BAP1 antibody.

Storage

Store the BAP1 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).