

BAP1 (ZR454)

Rabbit monoclonal Antibody

Host: Rabbit
Specificity: Human
Immunogen: A synthetic peptide against human BAP1
Ig Class: IgG
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: BAP1 (ZR454) Rabbit monoclonal primary antibody detects BAP1 protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100-200. Positive Control: sample known to contain BAP1 protein.

Localization: Nuclear.

Intended Use: Research Use Only (RUO). This antibody is not for diagnostic use.

Description: BAP1 (BRCA1-Associated Protein 1) was initially identified as a protein that binds to BRCA1. BAP1 is a tumor suppressor that is believed to mediate its effects through chromatin modulation, transcriptional regulation, and possibly via the ubiquitin-proteasome system and the DNA damage response pathway. Germline mutations of BAP1 confer increased susceptibility for the development of several tumors, including uveal melanoma, epithelioid atypical Spitz tumors, cutaneous melanoma, and mesothelioma. Somatic BAP1 mutations are seen in cutaneous melanocytic tumors (epithelioid atypical Spitz tumors and melanoma), uveal melanoma, mesothelioma, clear cell renal cell carcinoma, and other tumors. BAP1 immunohistochemistry is particularly useful in differentiating malignant mesothelioma (nuclear negative) vs. reactive mesothelial proliferation (nuclear positive).

Supplied As: Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

References:

1. Ventii, K.H., et al. Cancer Res.68: 6953-6962.
2. Andrici, J., et al. Hum. Pathol. 51: 9-15.
3. Wu, D., et al. Ann. Diagn. Pathol. 26: 31-37.



Z2813RL-R/ Z2813RS-R/ Z2813RT-R/ Z2813RP-R (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)



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(research
use only)



(lot number)



(catalogue
number)



(expiry date)



(temperature
limit)



(consult
Instructions
for Use)