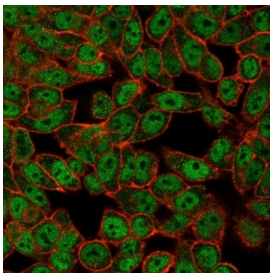
DRAP1 Antibody [clone PCRP-DRAP1-1A8] (V4173)

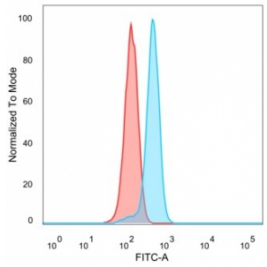
Catalog No.	Formulation	Size
V4173-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4173-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4173SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

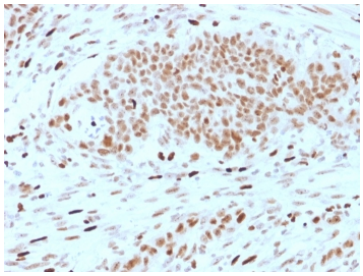
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	PCRP-DRAP1-1A8
Purity	Protein A/G affinity
UniProt	Q14919
Localization	Nucleus, Cytoplasm
Applications	Flow cytometry: 1-2ug/million cells Immunofluorescence: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT
Limitations	This DRAP1 antibody is available for research use only.



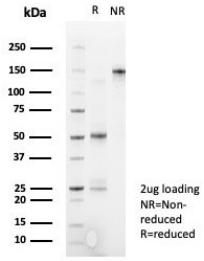
Immunofluorescent staining of PFA-fixed human HeLa cells with DRAP1 antibody (clone PCRP-DRAP1-1A8) followed by goat anti-mouse IgG-CF488 (green); Red = CF640R phalloidin.



Flow cytometry testing of PFA-fixed human HeLa cells with DRAP1 antibody (clone PCRP-DRAP1-1A8) followed by goat anti-mouse IgG-CF488 (blue); Red = unstained cells.



IHC staining of FFPE human breast tissue with DRAP1 antibody (clone PCRP-DRAP1-1A8) HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free DRAP1 antibody (clone PCRP-DRAP1-1A8) as confirmation of integrity and purity.



Analysis of a HuProt(TM) microarray containing more than 19,000 full-length human proteins using DRAP1 antibody (clone PCRP-DRAP1-1A8). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (in combination with a fluorescently-tagged anti-IgG secondary antibody) 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 targets on 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-score. S-score therefore represents the relative target specificity of a mAb to its intended target. A mAb is considered to specific to its intended target, if the mAb has an S-score of at least 2.5. For example, if a mAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that mAb to protein X is equal to 29.

Description

NC2 (negative cofactor 2) is a dimeric histone-fold complex that represses RNA polymerase II transcription through binding to TBP and inhibiting the transcription factors TFIIA and TFIIB. NC2 consists of two subunits, termed NC2a and NC2beta, and these subunits dimerize and bind to TBP-promoter complexes via histone fold domains of the H2A-H2B type. NC2 associates with promoters in a manner that correlates with transcriptional activity and with occupancy by basal transcription factors. NC2 binds directly to DNA, and the binding of NC2 to TBP-promoter complexes affects the conformation of DNA, and results in the inhibition of TFIIB.

Application Notes

Optimal dilution of the DRAP1 antibody should be determined by the researcher.

Immunogen

Recombinant human DRAP1 protein was used as the immunogen for the DRAP1 antibody.

Storage

Aliquot the DRAP1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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