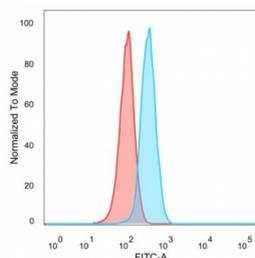


Y-box-binding protein 3 Antibody / YBX3 [clone PCRP-YBX3-2D12] (V4237)

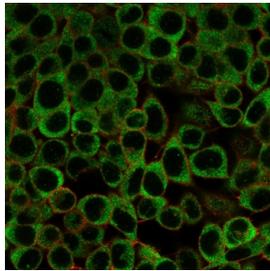
Catalog No.	Formulation	Size
V4237-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4237-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4237SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

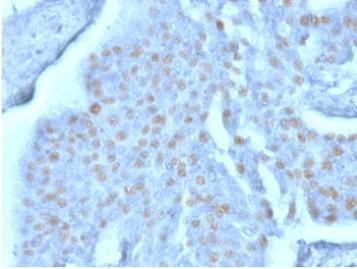
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	PCRP-YBX3-2D12
Purity	Protein A/G affinity
UniProt	P16989
Localization	Nucleus, Cytoplasm
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT
Limitations	This Y-box-binding protein 3 antibody is available for research use only.



Flow cytometry testing of PFA-fixed human HeLa cells with Y-box-binding protein 3 antibody (clone PCRP-YBX3-2D12) followed by goat anti-mouse IgG-CF488 (blue); Red = unstained cells.



Immunofluorescent staining of PFA-fixed human HeLa cells with Y-box-binding protein 3 antibody (clone PCR-P-YBX3-2D12) followed by goat anti-mouse IgG-CF488 (green); Red = CF640R phalloidin.



IHC staining of FFPE human bladder carcinoma with Y-box-binding protein 3 antibody (clone PCR-P-YBX3-2D12). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Analysis of a HuProt(TM) microarray containing more than 19,000 full-length human proteins using Y-box-binding protein 3 antibody (clone PCR-P-YBX3-2D12). 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

Predicted to enable DNA-binding transcription factor activity, RNA polymerase II-specific and RNA polymerase II cis-regulatory region sequence-specific DNA binding activity. Predicted to be involved in regulation of transcription by RNA polymerase II. Predicted to be active in nucleus. [provided by Alliance of Genome Resources, Apr 2022]

Application Notes

Optimal dilution of the Y-box-binding protein 3 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human protein was used as the immunogen for the Y-box-binding protein 3 antibody.

Storage

Aliquot the Y-box-binding protein 3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

