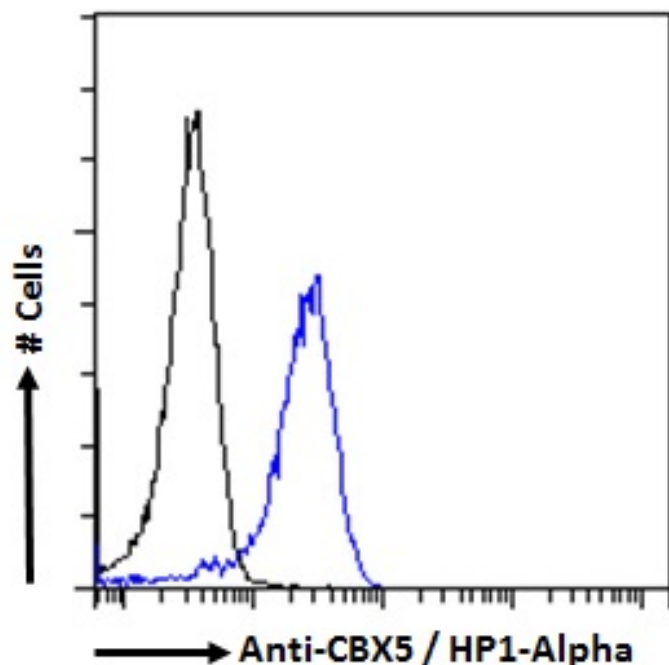


GOAT ANTI-CBX5 / HP1-ALPHA ANTIBODY

SKU: EB06957



SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 µg

Storage Instructions Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym / Alias Names heterochromatin protein 1-alpha|heterochromatin protein 1 homolog alpha|antigen p25|HP1A|Heterochromatin protein-1|chromobox homolog 5 (Drosophila HP1 alpha)|HP1Hs-alpha|HP1|HGNC:1555|chromobox homolog 5 (HP1 alpha homolog, Drosophila)|HP1-ALPHA|CBX5

Usage Summary **Immunofluorescence:** Strong expression of the protein seen in the nuclei of U2OS cells. Recommended concentration: 10µg/ml. **Flow Cytometry:** Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.

Accession ID NP_036249.1; NP_001120793.1; NP_001120794.1

Blocking Peptide EBP06957

Immunogen Peptide with sequence C-NKRKSNFSNSADDIK, from the internal region of the protein sequence according to NP_036249.1; NP_001120793.1; NP_001120794.1.

Product Comments	Variants (NP_036249.1; NP_001120793.1; NP_001120794.1) encode the same protein.
Peptide Sequence	C-NKRKSNFSNSADDIK
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Dog
Reactive Species	Human
Human Gene ID	23468
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Approx 24-25kDa band observed in lysates of cell lines A43N and K562 (calculated MW of 22.2kDa according to Human NP_036249.1). Recommended concentration: 0.03-0.1µg/ml. Primary incubation 1 hour at room temperature.
Application Type	Pep-ELISA, WB, IF, FC

SELECTED REFERENCES

[{"pmid": 30377371, "intro": "**This antibody (previous batch) has been successfully used in the following paper:**", "title": "A high-throughput pipeline for validation of antibodies", "author": "Krzysztof Sikorski, Adi Mehta, Marit Inngjerdingen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen", "journal": "Nat Methods. 2018 Nov;15(11):909-912"}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

