

Anti-CBX5 antibody [3G2-H10-A6] (STJ99039)

STJ99039

GENERAL INFORMATION

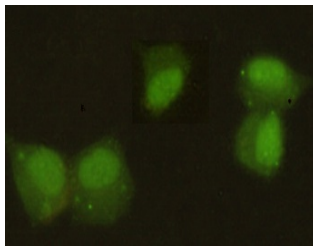
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|--------------------------|---|
| Product Type | Primary antibodies |
| Short Description | Mouse monoclonal antibody anti-Chromobox Protein Homolog 5 is suitable for use in Western Blot, Immunocytochemistry and Immunohistochemistry research applications. |
| Applications | WB, ICC, IHC |
| Host/Source | Mouse |
| Reactivity | Human, Mouse |

PRODUCT PROPERTIES

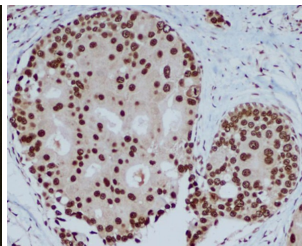
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|----------------------------|--|
| Clonality | Monoclonal |
| Clone ID | 3G2-H10-A6 |
| Concentration | 1 mg/mL |
| Conjugation | Unconjugated |
| Purification | The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads. |
| Dilution Range | WB 1:1000 ICC 1:300 |
| Formulation | PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide. |
| Isotype | IgG2b |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles. |

TARGET INFORMATION

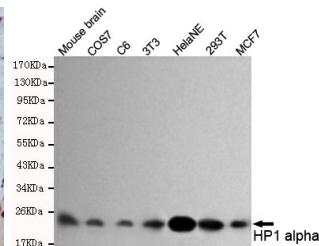
| | |
|---------------------------|---|
| Gene ID | 23468 |
| Gene Symbol | CBX5 |
| Uniprot ID | CBX5_HUMAN |
| Immunogen | Purified recombinant human HP1 alpha protein fragments expressed in E.coli. |
| Immunogen Region | |
| Specificity | CBX5 monoclonal antibody (Chromobox Protein Homolog 5) binds to endogenous Chromobox Protein Homolog 5. |
| Immunogen Sequence | |



Immunocytochemistry stain of HeLa using HP1 alpha mouse mAb (1:300).



Immunohistochemical analysis of paraffin-embedded human breast carcinoma with HP1 alpha mouse mAb (3G2-H10-A6, 1:400 diluted), showing nuclear localization. A high pressure mediated antigen retrieval step was performed in citrat buffer (pH6.0).



Western blot detection of HP1 alpha in MCF7, 293T, HeLaNE, 3T3, C6, COS7 and Mouse brain lysates and using HP1 alpha mouse mAb (1:1000 diluted). Predicted band size: 22kDa. Observed band size: 22kDa

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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