

For Research Use Only

MYST2 Monoclonal antibody, PBS Only



Catalog Number: 68525-1-PBS

Basic Information

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|---|---|---|
| Catalog Number: 68525-1-PBS | GenBank Accession Number: BC032640 | Purification Method: Protein G purification |
| Size: 100ug , Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 11143 | CloneNo.: 1C1B1 |
| Source: Mouse | UNIPROT ID: O95251 | |
| Isotype: IgG1 | Full Name: MYST histone acetyltransferase 2 | |
| Immunogen Catalog Number: AG5166 | Calculated MW: 611 aa, 71 kDa | |
| | Observed MW: 83 kDa | |

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, mouse, rat

Background Information

MYST2, also named as HBO1, HBOa MOZ, YBF2/SAS3, SAS2 and TIP60 protein 2, belongs to the MYST (SAS/MOZ) family. It specifically represses AR mediated transcription. MYST2 is a candidate oncogene. It enhances the anchorage-independent growth of breast cancer cells.(PMID:19372580) MYST2 is a histone acetyltransferase (HAT) which could exert oncogenic function in breast cancer. It is an important downstream molecule of ERa, and ERK1/2 signaling pathway may involved in the expression of HBO1 increased by E2.

Storage

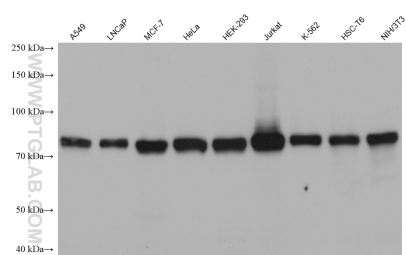
Storage:
Store at -80°C.

Storage Buffer:
PBS only

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68525-1-Ig (MYST2 antibody) at dilution of 1:4900 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68525-1-PBS in a different storage buffer formulation.