

MYST2 Monoclonal antibody

Catalog Number: 68525-1-Ig

Basic Information

Catalog Number: 68525-1-Ig	GenBank Accession Number: BC032640	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 11143	CloneNo.: 1C1B1
Source: Mouse	UNIPROT ID: O95251	Recommended Dilutions: WB 1:2000-1:10000
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	Positive Controls:
Species Specificity: Human, mouse, rat	WB : A549 cells, LNCaP cells, MCF-7 cells, HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells

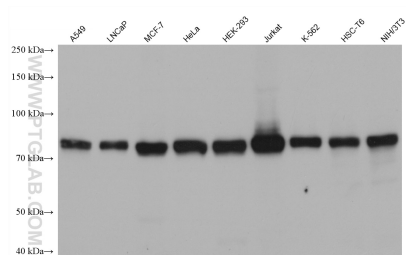
Background Information

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 ERα, and ERK1/2 signaling pathway may involved in the expression of HBO1 increased by E2.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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.