

For Research Use Only

HEXA Monoclonal antibody

Catalog Number: 60337-1-Ig



Basic Information

Catalog Number: 60337-1-Ig	GenBank Accession Number: BC018927	Purification Method: Protein A purification
Size: 150ul , Concentration: 3900 ug/ml by Nanodrop and 1860 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3073	CloneNo.: 3A4F2
Source: Mouse	UNIPROT ID: P06865	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG2b	Full Name: hexosaminidase A (alpha polypeptide)	
Immunogen Catalog Number: AG1854	Calculated MW: 529 aa, 60 kDa	
	Observed MW: 50-54 kDa, 60-67 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, rabbit testis tissue, A431 cells, HEK-293 cells, Jurkat cells, HSC-T6 cells, NIH/3T3 cells
Species Specificity: human, mouse, rat, rabbit	

Background Information

Beta-hexosaminidase subunit alpha is involved in catalysis of degradation of the ganglioside GM2. Dysfunction of beta-hexosaminidase leads to an accumulation of GM2 ganglioside in neurons and neurodegenerative disorders termed the GM2 gangliosidosis. The enzyme is composed of two subunits, alpha and beta. This gene encodes alpha subunit of beta-hexosaminidase. Western blot with this antibody raised against HEXA detected 60 kDa (precursor) and 54 kDa (mature) size bands (PMID: 27682588, PMID: 30341570).

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

*** 20ul sizes contain 0.1% BSA

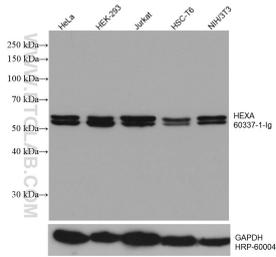
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60337-1-Ig (HEXA antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.