

For Research Use Only

HEXA Monoclonal antibody, PBS Only



Catalog Number: 60337-1-PBS

Basic Information

Catalog Number: 60337-1-PBS	GenBank Accession Number: BC018927	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 3073	CloneNo.: 3A4F2
Source: Mouse	UNIPROT ID: P06865	
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, Indirect ELISA

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 -80°C.

Storage Buffer:
PBS Only

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

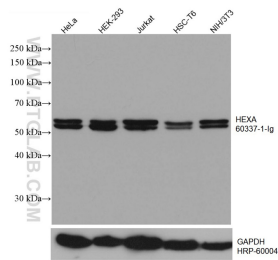
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Selected Validation Data



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. This data was developed using the same antibody clone with 60337-1-PBS in a different storage buffer formulation.