

Mosquito AgBR1 Monoclonal antibody, PBS Only (Detector)

Catalog Number: 67743-1-PBS

Basic Information

Catalog Number: 67743-1-PBS	GenBank Accession Number: XM_001844620	Purification Method: Protein G purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 6034353	CloneNo.: 2D1F 10
Source: Mouse	UNIPROT ID: B0W7I8	
Isotype: IgG1	Full Name: AgBR1	
Immunogen Catalog Number: AG30168	Calculated MW: 49 kDa	
	Observed MW: 40 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, Cytometric bead array

Species Specificity:
Mosquito

Product Information

67743-1-PBS targets AgBR1 as part of a matched antibody pair:

MP50131-1: 67743-2-PBS capture and 67743-1-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Background Information

AgBR1, a mosquito salivary protein also known as A. aegypti bacteria-responsive protein 1, is found to induce inflammatory responses at the bite site (PMID: 32218189). Various studies suggest that AgBR1 plays a role in transmitting or facilitating infections of several viruses via Aedes aegypti mosquitoes (PMID: 30858571, 31312526).

Storage

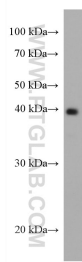
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

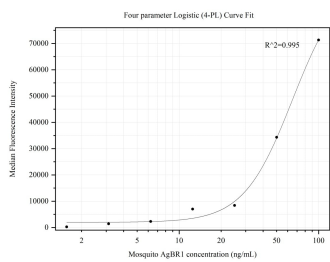
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67743-1-Ig at dilution of 1:160000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67743-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP50131-1, Mosquito AgBR1 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67743-2-PBS. Detection antibody: 67743-1-PBS. Standard:Ag30168. Range: 1.563-100 ng/mL