

For Research Use Only

HRP-conjugated Chicken IgY Monoclonal antibody



Catalog Number:HRP-67405

Basic Information

Catalog Number: HRP-67405	GenBank Accession Number: GeneID (NCBI):	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Full Name: Observed MW: 180 kDa, 70 kDa	CloneNo.: 1E12G2
Source: Mouse		Recommended Dilutions: WB 1:500-1:2000
Isotype: IgG2a		

Applications

Tested Applications: WB	Positive Controls: WB : Chicken egg,
Species Specificity: Chicken	

Background Information

IgY (immunoglobulin Y) is a type of immunoglobulin found in birds and reptiles. High concentration of IgY exists in chicken egg yolk. In chickens, IgY is functional same to IgG. IgY antibodies do not cross-react with Fc receptors, mammalian immunoglobulins such as rheumatoid factors and HAMA or activate the complement system thus could reduce false positive results in immunological assays. This antibody was generated from chicken IgY that extracted from chicken eggs. This product recognizes the heavy chain of chicken IgY and can detect the intact form of chicken IgY (~180 kDa) and reduced form (~70 kDa).

Storage

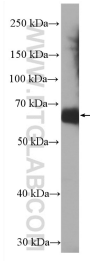
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

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



Lysate of Chicken egg were subjected to SDS PAGE followed by western blot with HRP-67405 (Chicken IgY antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.