For Research Use Only

HRP-conjugated Chicken IgY Monoclonal antibody

Catalog Number:HRP-67405

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
HRP-67405

Size:
100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG2a

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Observed MW:
180 kDa, 70 kDa

Purification Method:
Protein A purification

CloneNo.:
1E12G2

Recommended Dilutions:
WB 1:500-1:2000

Applications

Tested Applications:
WB

Species Specificity:
Chicken

Positive Controls:

WB : Chicken egg,

Background Information

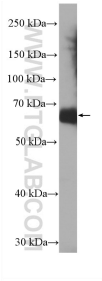
IgY (immunoglobulin Y) is a type of immunoglobulin found in birds and reptiles. High concentration of IgY exists in chicken egg yolk. In chickens, IgY is functional same to IgG. IgY antibodies do not cross-react with Fc receptors, mammalian immunoglobulins such as rheumatoid factors and HAMA or activate 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 checken IgY and can detect the contact 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

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

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.