

Mouse Monoclonal Antibody to



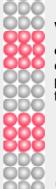
Chicken Egg Yolk Immunoglobulin (IgY)

clone 4G12

Order No.: 0074-100/lgY-4G12

 Size (μg)
 100

 Lot No.:
 0074S



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01/220207F

Isotype: Species Reactivity
IgG1 no crossreaction with

no crossreaction with mammalian immunoglobulins

Applications
WB, ELISA, IP

Mol. Weight 150 kDa Ref.Cell Line none Epitope: IgY heavy chain Immunogen:

chicken egg yolk immunoglobulin (IgY)

Background and Specificity:

Mab IgY-4G12 specifically interacts with chicken egg yolk immunoglobulin (IgY) and does not crossreact with mammalian immunoglobulins. The antibody is specific for IgY heavy chains and does not compete with mab IgY-9B4.

Mab IgY-4G12 can be used as secondary antibody for detection of IgY in ELISA, Western blot and immunoprecipitation assays.

Purification: The antibody was purified from serum-free cell culture

supernatant by subsequent thiophilic adsorption and size

exclusion chromatography.

Formulation: lyophilized from 1 ml 2 x PBS / 0.09 % Na-azide / PEG and

Sucrose.

Reconstitution: Reconstitute with 1 ml H₂O (15 min, RT).

Stability: For long-term storage, freeze lyophilizate upon arrival (-20°C).

Upon reconstitution, aliquote and freeze in liquid nitrogen; reconstituted antibody can be stored frozen at -80°C up to 1 year. Thaw aliquots at 37°C. Thawed aliquots may be stored at

4°C up to 3 months.

Avoid repeated freeze / thaw cycles.

Positive Control: none

Immunoblotting: 0.5 μg/ml for HRPO/ECL detection

Recommended blocking buffer: Casein/Tween 20 based blocking and blot incubation buffer, e.g. nanoTools product

#3031-500/CPPT or #3031-3000/CPPT.

Immunoprecipitation use at 1 - 10 μg

Immunocytochemistry ND

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ELISA: use at 0.1 μg/ml

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Related Products

mab to chicken egg yolk immunoglobulin (lgY)

#0075-100/lgY-9B4