

Mouse Monoclonal Antibody to

Chicken Egg Yolk Immunoglobulin (IgY)

clone 4G12

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

Size (µg) 100

Lot No.: 0074S



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Isotype:	Species Reactivity	Applications	Mol. Weight	Ref.Cell Line	Epitope:	Immunogen:
IgG1	no crossreaction with mammalian immunoglobulins	WB, ELISA, IP	150 kDa	none	IgY heavy chain	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.

Related Products

mab to chicken egg yolk immunoglobulin (IgY)

#0075-100/IgY-9B4

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

ELISA: use at 0.1 µg/ml

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