

Mouse Monoclonal Antibody to

Biotin clone 2H2

Order No.: 0184-100/Biotin-2H2
Size (µg) 100
Lot No.: 0184S



01/050307F

Isotype	Species Reactivity	Applications	Mol. Weight	Ref.Cell Line	Epitope	Immunogen
IgG1		WB, ELISA, IP				Biotin conjugated to hemocyanin

Background and Specificity:

mab 2H2 interacts with high affinity with biotinylated proteins. The antibody can be used for immunoprecipitation and immunoblot applications.

Related Products

Purification: The antibody was purified from serum-free cell culture supernatant by subsequent ultrafiltration and size exclusion chromatography.

Formulation: lyophilized from 1 ml 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.

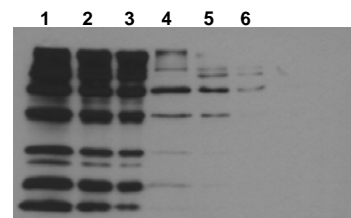
Positive Control: none

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 µg/ml

Immunocytochemistry:

ELISA: use at 0.05 µg/ml



Antibody sensitivity
 Biotinylated molecular weight marker (Biorad) was separated by SDS-PAGE and transferred to PVDF membranes. Immunoblots were probed with mab 2H2 at 0.5µg/ml for 1h at RT and developed by ECL (exp. time: 30 sec).
 lane 1: 200nl, lane 2: 100nl, lane 3: 50nl, lane 4: 20nl, lane 5: 10nl, lane 6: 5nl, lane 7: 2nl

All products are supplied for research and investigational use only. Not for use in humans or laboratory animals.