

Anti-HA-Biotin Monoclonal Antibody

CATALOG #:	3996B-100
AMOUNT:	100 µg
LOT#:	_____
Clone#:	2C16
HOST:	Mouse
IMMUNOGEN:	Synthetic peptide (YPYDVPDYA) derived from the human influenza hemagglutinin protein

FORMULATION:

100 µg (0.2 mg/ml) affinity purified anti-HA-Biotin monoclonal antibody in phosphate buffered saline (PBS, pH 7.2), containing 50% glycerol, 1% BSA, 0.02% thimerosal.

BACKGROUND:

Epitope tags are useful for the labeling and detection of proteins using immunoblotting, immunoprecipitation, and immunostaining techniques. The HA tag is derived from an epitope of the influenza hemagglutinin protein, which has been extensively used as a general epitope tag in expression vectors.

SPECIES REACTIVITY:

It is expected that the Anti-HA-Biotin monoclonal antibody will react with proteins containing HA-tag from all species.

SPECIFICITY:

The antibody detects HA-tag fused to the C-terminus or N-terminus of targeted proteins in transfected mammalian cells.

APPLICATION AND USAGE:

The Anti-HA-Biotin antibody can be used for Western blot analysis, immunoprecipitation, and localization of recombinant HA-tagged proteins by standard immuno detection methods (2-10 µg/ml) using Avidin-FITC or other tags. However, the optimal conditions should be determined individually.

STORAGE CONDITIONS: Store at -20°C. Avoid repeated freeze/defrost cycles.

FOR RESEARCH USE ONLY! Not to be used in humans.

RELATED PRODUCTS:

Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies