



Mouse anti Digoxigenin Monoclonal Antibody

Alternative Name(s): nan

Order Information

- **Description:** Digoxigenin
- **Catalogue:** 605-680
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Mouse
- **Clone:** Dig
- **Application:** IHC(P), ELISA
- **Reactivity:** Hu

ANTIGEN PREPARATION

A chemically conjugated Digoxigenin

BACKGROUND

Digoxigenin is derived from a plant steroid hormone digoxin found in the plants Digitalis sp. Digoxigenin is a hapten, a small molecule with high antigenicity. Anti-digoxigenin antibodies are used in a variety of biological immuno-assays. The antibodies may be labeled with dyes, enzymes or fluorescence, Digoxigenin has been also used successfully in labeling nucleic acids.

PURIFICATION

The mouse IgG is purified by Protein A-Affinity Chromatography according to Isotyping

FORMULATION

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody recognizes Digoxigenin compound. It is used for testing Digoxigenin conjugation.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2°C-8°C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

APPLICATIONS/SUGGESTED WORKING DILUTIONS*

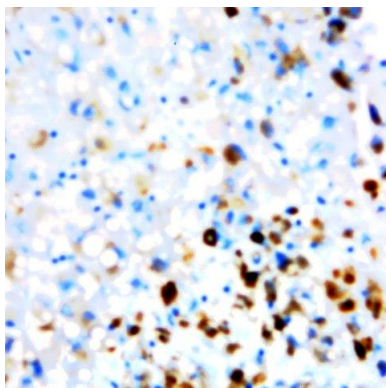
- Western Blot: 0.1-1 µg/ml
- ELISA: 0.01-0.1 µg/ml
- Immunoprecipitation: 2-5 µg/ml
- IHC: 2-10 µg/ml
- Flow cytometry: Not tested
- Molecular Weight: 69.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

*Optimal dilutions should be determined by researchers for the specific applications.

FOR RESEARCH USE ONLY.

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DATA ATTACHMENTS



Immunohistochemistry: Human melanoma (FFPE) stained with Mouse anti-Digoxigenin (Cat#605-680) at 1:200 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min. This antibody is used for special labeled targeting protein by Digoxigenin.

REFERENCES

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