Mouse anti Melanoma/NG2 monoclonal Antibody

Alternative Name(s): Melanoma-Associated chondroitin sulfate proteoglycan antigen (MCSP); Melanoma

Order Information

- **Description:** Melanoma/NG2
- **Catalogue:** 602-940
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Mouse
- **Clone:** D14.M8
- **Application:** IHC(P)
- **Reactivity:** Hu

ANTIGEN PREPARATION

The cell membrane preparation from human malignant melanoma SK-MEL-28.

BACKGROUND

The anti Melanoma (MCSP) antibody recognize human melanoma by immunofluorescent or FACS. It also called Melanoma associated chondriotin sulfate proteoglycan (MCSP) antigen, which is known as high-molecular weight melanoma associated antigen. Anti Melanoma antibody can be used to activate serum complement and induce antibody dependent cellular cytoxicity. The monoclonal antibodies have been used in the therapy of cancers particularly melanoma.

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 human melanoma. The other species were not tested.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at –20oC to –70oC. The antibodies can be stored at 2oC-8oC 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: 250.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

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

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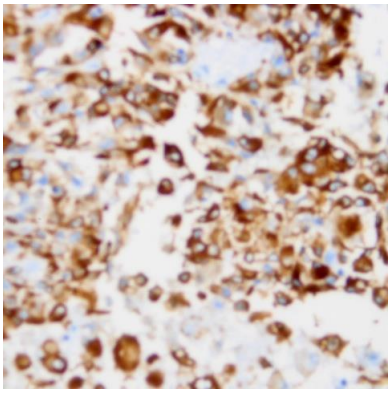
DATA ATTACHMENTS



Immunohistochemistry: Human melanoma stained with anti Mouse anti-Melanoma antibody (Cat#602-940) at 1:100 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.

REFERENCES

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