

AbboMax, Inc

Innovation at Work

Mouse anti-Melanoma Monoclonal Antibody

Synonym: Melanoma-Associated chondroitin sulfate proteoglycan antigen (MCSP); Melanoma

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 cytotoxicity. The monoclonal antibodies have been used in the therapy of cancers particularly melanoma.

PURIFICATION

The Mouse IgG is purified by Isotyping-specific Affinity Purification.

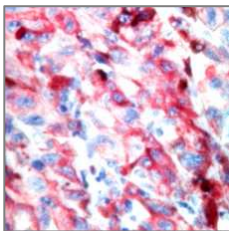
SPECIFICITY

This antibody recognizes human melanoma. The other species were not tested.

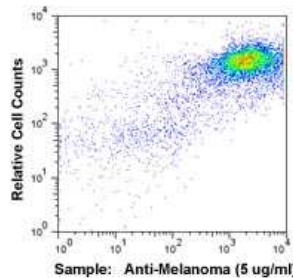
APPLICATIONS/SUGGESTED WORKING DILUTIONS

Western Blot	0.1-1 µg/ml
ELISA	0.01-0.1 µg/ml
Immunoprecipitation	2-5 µg/ml
IHC	2-5 µg/ml
Flow cytometry	5-10 µg/ml

DATA ATTACHMENTS



IHC: Human melanoma stained with 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.



Immunofluorescent Staining: 5x 10⁶ SK-MEL-28 cells were incubated with 5 ug of anti-Melanoma (Cat#602-940) followed by APC-GtxRb IgG incubation. The result was analyzed by flow-cytometry or fluorescence microscopy.

REFERENCES

Siewert et al (2000), Recent results in Cancer Research 158: 51-60.

Order Information

Description: Ms anti Melanoma
Catalogue#: 602-940
Lot#: See the label
Size: 100 ug/200 ul
Host: Mouse
Clone: See the label
Isotyping: IgG1.k
Application: ELISA, WB, IHC
Reactivity: Hu

FOR RESEARCH USE ONLY.

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