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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product datasheet MON9044

MONOSAN[®]

Mouse anti-MVP/LRP, clone 1014 (Monoclonal)

Clone no. 1014

MONOSAN

Product name Mouse anti-MVP/LRP, clone 1014 (Monoclonal)

Host Mouse

Applications IHC-fr, IHC-P, IF, IP, WB

Species reactivity human

Conjugate -

Immunogen affinity purified nuclear extract proteins

Isotype IgG1

Clonality Monoclonal

Clone number 1014

Size 100 ug

Concentration 100 ug/ml

Format -

Storage buffer PBS with 0.02% sodium azide

Storage until expiry date 2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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MONOSAN

Additional info

1014 is specific for the major vault protein, a 104-kDa highly conserved protein interacting with estrogen receptor. It is one of a series of four mAbs which recognize different epitopes of the protein. Major vault proteins have a complex morphology, including several small molecules of RNA, but a single protein species. The MVP accounts for >70% of their mass. Their shape is reminiscent of the nucleopore central plug. Treatment of cells with estradiol increases the amount of MVP in nuclear extract. The hormone-dependent interaction of vaults with ER is prevented in vitro by sodium molybdate. Antibodies to estrogen, progesterone and glucocorticoid receptors are able to co-immunoprecipitate the MVP. MVP is overexpressed in many neoplastic tissues and cell lines. Expression of MVP predicts a poor response to chemotherapy

References

1. Abbondanza, C. et al, J. Cell Biol. 141, 1301-1310 (1998)
2. Den Boer, M.L. et al. Blood 91, 2092-2098 (1998)
3. -
4. -
5. -

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