

M13 Phage Coat Protein (p3). Mouse Monoclonal Antibody E1

CATALOG NUMBER 265-115M

FORMULATION Provided as solution in phosphate buffered saline with 0.08% sodium azide

HOST/CLONE Mouse Clone E1

CONCENTRATION 1 mg/ml

ISOTYPE IgG2a

BACKGROUND

The display of repertoires of antibody fragments on the surface of filamentous phage offers a new way to produce immunoreagents with defined specificities. Phage derived antibody fragments offer a number of advantages over mouse monoclonal antibodies, such as better clearance from the blood, the possibility to select from human combinatorial libraries and the relative ease by which such fragments can be manipulated. The phage display technique thus facilitates the selection of antibody fragments of therapeutic value or research interest. Antibodies to M13 filamentous phage coat proteins are instrumental in the selection and detection of phages expressing specific antibody fragments or peptide sequences at their surface.

APPLICATIONS ELISA, Western Blot

SIZE 1 mg

FORM Unconjugated

IMMUNOGEN Hybridoma produced by the fusion of splenocytes from mice immunized with isolated M13 phage coat proteins and mouse myeloma cells.

SPECIES REACTIVITY N/A

COMMENTS Antibody specific for the gp3 protein. Antibody can be used for immunohistochemistry, Western blot (1–5 µg/ml), Flow cytometry (1 µg/106 cells) and ELISA. Optimal concentration should be evaluated by serial dilutions.

SHIP CONDITIONS Ship at ambient temperature, freeze upon arrival

STORAGE CUSTOMER Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

STABILITY Products are stable for one year from purchase when stored properly

REFERENCES

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Product Data Sheet

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