

I-Ed (private; Ia.m23) Monoclonal Antibody

Anti-Mouse I-Ed (private; Ia.m23), Ascites (Clone 34-1-45) (mouse IgM)

CATALOG #
AAA74189

PRODUCT SYNONYMS

I-Ed (private; Ia.m23); Monoclonal Antibody; Anti-Mouse I-Ed (private; Ascites (Clone 34-1-45) (mouse IgM); Anti-Mouse I-Ed Monoclonal Antibody-Ascites; anti-I-Ed (private; Ia.m23) antibody

PRODUCT SPECIFICATIONS

Clonality	Monoclonal
Isotype	Mouse IgM
Clone Number	34-1-4S
Specificity	Anti-I-Ed (private determinant Ia.m23)
Form/Format	0.5 ml, lyophilized ascites
Sterility	This reagent is not sold as sterile, but can be sterilized by filtration if necessary. To minimize loss of volume during filtration, dilute to the final working concentration in the appropriate medium before filtration and filter through a 0.45um filter
Immunization	Recipient: C3H Donor: B6xDBA/2
Presentation	Ascites Fluid; 0.45um filtered
Strain Distribution	I-Ed positive strains
Note	1. Cytotoxicity medium® is RPMI-1640 with 25mM Hepes buffer and 0.3% bovine serum albumin (BSA). BSA is substituted for the conventionally used fetal calf serum (FCS) because we have found that many batches of FCS contain complement dependent cytotoxins to mouse lymphocytes, thus increasing the background killing in the presence of complement. We recommend that cells not be exposed to FCS prior to or during exposure to antibody and complement. Some batches of BSA also contain complement dependent cytotoxins, resulting I the same problem. We screen for batches of BSA giving low background in the presence of complement and use the selected BSA for preparing Cytotoxicity Medium®. 2. Lympholyte-M® cell separation medium is density separation medium designed specifically for the isolation of viable mouse lymphocytes. This separation medium provides a high and non-selective recovery of viable mouse lymphocytes, removing red cells and dead cells. The density of this medium is 1.087-1.088. Isolation of mouse lymphocytes on cell separation medium of density 1.077 wil result in high and selective loss of lymphocytes and should be avoided. 3. Rabbit serum provides the most potent source of complement for use with antibodies to mouse cell surface antigens. However, rabbit serum itself is very toxic to mouse lymphocytes. Low-Tox-M® rabbit complement is absorbed to remove toxicity to mouse lymphocytes, while maintaining its high complement activity. When used in conjunction with cytotoxicity medium®, this reagent provides a highly potent source of complement with minimal background toxicity. 4. Baby rabbit complement provides high complement activity with low background toxicity.
Preparation and Storage	Store at -20°C or below before reconstitution. Reconstitute with 0.5ml of distilled water. Aliquot and freeze the unused portion in volumes appropriate for single usage (as repeated freezing and thawing may cause loss of antibody activity).

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-I-Ed (private; Ia.m23) antibody	anti-mouse I-Ed monoclonal antibody detects the private specificity of the I-Ed antigen (determinant Ia.m23).
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/i-ed-private-iam23-antibody-clone-34-1-4s-elisa/74189>