

Technical Data Sheet

Purified Mouse Anti-Mouse I-A[b]**Product Information**

Material Number:	553603
Alternate Name:	A β [b]
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	25-9-17
Immunogen:	Mouse C3H.SW Splenocytes
Isotype:	Mouse (C3H) IgG2a, κ
Reactivity:	QC Testing: Mouse
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

Description

The 25-9-17 antibody reacts with the β chain of the I-A[b] MHC class II alloantigen. It cross-reacts with cells from mice of the H-2[d], H-2[p], and H-2[q] haplotypes. Reactivity with other haplotypes (e.g., *a, f, g7, k, r, s*) has not been observed. The strain distribution of the antigen recognized by this reagent is similar or identical to that of anti-I-A[d] (A β [d]) mAb 34-5-3 (Cat. no. 553611).

This antibody is routinely tested by flow cytometric analysis. Other applications were tested at BD Biosciences Pharmingen during antibody development only or reported in the literature.

Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.
Store undiluted at 4° C.

Application Notes**Application**

Flow cytometry	Routinely Tested
Cytotoxicity	Reported
Immunoprecipitation	Reported

Recommended Assay Procedure:

For immunohistochemical staining (IHC) of cells expressing I-A[b], we recommend the use of biotinylated AF6-120.1 mAb in our special formulation for immunohistochemistry, Cat. No. 550553. For IHC of I-A[d] expressing cells we recommend biotinylated mAb AMS-32.1, Cat. No. 550554.

Since endotoxin may also affect the results of functional studies, we recommend the NA/LE™ (No Azide/Low Endotoxin) antibody format for in vitro and in vivo use.

Suggested Companion Products

Catalog Number	Name	Size	Clone
555988	FITC Goat Anti-Mouse IgG/IgM	0.5 mg	Polyclonal
553454	Purified Mouse IgG2a κ Isotype Control	0.5 mg	G155-178

Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.
3. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.

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