



Magic™ Anti-IgA monoclonal antibody, clone 25B/4C8 (DCAB-TJ277)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Specific for human IgA Fc region. No allotype restriction. Does not react with other immunoglobulin classes.
Immunogen	IgA from human colostrum.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	25B/4C8
Affinity Constant	Not determined
Purification	≥ 95% pure (SDS-PAGE). Protein G Chromatography.
Conjugate	Unconjugated
Applications	Suitable for use in immunodiffusion and passive hemagglutination. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	2.5 mg/mL (OD280 nm, E0.1% = 1.4)
Buffer	PBS, pH 7.4
Preservative	0.1% Sodium Azide

Storage	Store at 2-8°C.
Warnings	Centrifuge before opening to ensure complete recovery of vial contents. This product contains sodium azide, which has been classified as Xn (Harmful) in European Directive 67/548/EEC in the concentration range of 0.1-1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

BACKGROUND

Introduction	Immunoglobulin A (IgA, also referred to as sIgA) is an antibody that plays a critical role in mucosal immunity. More IgA is produced in mucosal linings than all other types of antibody combined; between three and five grams are secreted into the intestinal lumen each day. This accumulates up to 15% of the total immunoglobulin produced in the entire body.
Keywords	IgA; Immunoglobulin A; sIgA