



# 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

<b>Specificity</b>	Specific for human IgA Fc region. No allotype restriction. Does not react with other immunoglobulin classes.
<b>Immunogen</b>	IgA from human colostrum.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	25B/4C8
<b>Affinity Constant</b>	Not determined
<b>Purification</b>	≥ 95% pure (SDS-PAGE). Protein G Chromatography.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	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.
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	2.5 mg/mL (OD280 nm, E0.1% = 1.4)
<b>Buffer</b>	PBS, pH 7.4
<b>Preservative</b>	0.1% Sodium Azide

**Storage**

Store at 2-8°C.

---

## 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

---