

## Product datasheet

# Anti-IgA antibody [IgA5-3B] (Biotin) ab53270

### 製品の概要

製品名	Anti-IgA antibody [IgA5-3B] (Biotin)
製品の詳細	Mouse monoclonal [IgA5-3B] to IgA (Biotin)
由来種	Mouse
標識	Biotin
特異性	ab53270 recognises IgA. It does not cross-react with IgG or IgM; it has been shown to detect secreted IgA in cat saliva and rhesus monkey jejunal washes
アプリケーション	<b>適用あり:</b> ELISA
種交差性	<b>交差種:</b> Cat, Dog, Human, Rhesus monkey, Common marmoset
免疫原	Purified monkey IgA, from serum.

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.05% Sodium Azide Constituents: PBS, pH 7.2
精製度	Protein A purified
特記事項 (精製)	ab53270 is prepared by affinity chromatography on Protein A from tissue culture supernatant.
ポリ/モノ	モノクローナル
クローン名	IgA5-3B
アイソタイプ	IgG1

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab53270** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
ELISA		

## 追加情報

ELISA: Use at an assay dependent dilution. 1 - 10 ug/ml is a good starting point for ELISA.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## ターゲット情報

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### 関連性

Human IgA (immunoglobulin A) is a glycosylated protein of 160 kDa and is produced as a monomer or as a J chain linked dimer. Monomeric IgA constitutes 5-15 % of the serum immunoglobulins whereas dimeric IgA is localized to mucosa surfaces such as saliva, gastrointestinal secretion, bronchial fluids and milk. Mucosal IgA plays a major role in host defence by neutralising infectious agents at mucosal surfaces. The production is usually local and antigen specific IgA producing B cells can be found in regions under the lamina propria where they mature into dimeric IgA producing plasma cells. IgA deficiency is the most common immunodeficiency that may affect both serum and mucosal produced IgA. OR: The secretory component is a component of immunoglobulin A (IgA) which consists of a portion of the polymeric immunoglobulin receptor. Polymeric IgA binds to the polymeric immunoglobulin receptor on the basolateral surface of epithelial cells and is taken up into the cell via transcytosis. The receptor-IgA complex passes through the cellular compartments before being secreted on the luminal surface of the epithelial cells, still attached to the receptor. Proteolysis of the receptor occurs and the dimeric IgA molecule, along with the secretory component, are free to diffuse throughout the lumen.

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**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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