

Datasheet for ABIN458177

## Sheep anti-Human IgA (Fc Region) Antibody (TRITC) - Preadsorbed



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### Overview

Quantity:	1 mL
Target:	IgA
Binding Specificity:	Fc Region
Reactivity:	Human
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	TRITC
Application:	Immunofluorescence (IF)

### Product Details

Immunogen:	Purified IgA prepared from pooled human serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Fragment:	F(ab') <sub>2</sub> fragment
Specificity:	The antiserum is reacting with to the Fc subunits of IgA.
Characteristics:	Tetramethylrhodamine isothiocyanate-conjugated F(ab') <sub>2</sub> fragments IgG antibodies of polyclonal sheep antiserum to human IgA, Fc specific Fluorochrome/IgG protein molar ratio (F/P) is approximately 2.3.
Purification:	PreadSORPTION: Immunoaffinity adsorbed using insolubilized antigens.

## Target Details

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Target: IgA

Abstract: [IgA Products](#)

Target Type: Antibody

## Application Details

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**Application Notes:** Direct staining of fixed cell and tissue substrates, to demonstrate the intracellular presence of IgA. The absence of the Fc domain in the conjugate ensures minimal interaction with the tissue components and cell surfaces other than the primary antibody activity. This conjugate is primarily intended for use in cell surface membrane staining procedures, to identify and quantitate Ig on B cells, especially if interference by Fc activity is expected. This immunoconjugate is not pre-diluted.

The optimum working dilution of each conjugate should be established by titration before being used. Excess labelled antibody must be avoided because it may cause high unspecific background staining and interfere with the specific signal. Working dilutions are usually between 1:10 and 1:40.

**Restrictions:** For Research Use only

## Handling

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**Format:** Lyophilized

**Reconstitution:** It is reconstituted by adding 1 mL sterile distilled water, spun down to remove insoluble particles, divided into small aliquots, frozen and stored at or below -24 °C.

**Concentration:** 10 mg/mL

**Buffer:** PBS, pH 7.2

**Preservative:** Without preservative

**Handling Advice:** Prior to use, an aliquot is thawed slowly in the dark at ambient temperature, spun down again and used to prepare working dilutions by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at +4 °C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the immunoconjugate.

**Storage:** 4 °C/-20 °C

## Handling

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Storage Comment: The lyophilized conjugate is shipped at ambient temperature and may be stored at +4 °C, prolonged storage at or below -24 °C.