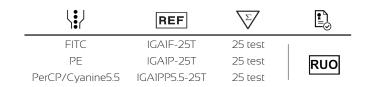
# Anti-Human IgA1 (SAA1)





#### PRODUCT DESCRIPTION

- Clone: SAA1;
- Isotype: Mouse IgGl;
- Tested application: flow cytometry (Quality tested), ELISA, WB, Multiplex assays and Immunocytochemistry-F;
- Immunogen: Fc fragment of human IgAI myeloma protein;
- Species reactivity: Human;
- Storage instruction: store in the dark at 2-8 °C;
- Storage buffer: aqueous buffered solution containing protein stabilizer and 0.09% sodium azide (NaN<sub>3</sub>);
- Recommended usage: Immunostep's anti-human IgAl, clone SAAl, is a monoclonal
  antibody intended for the identification of cells expressing IgAl protein in peripheral
  blood using a compatible flow cytometer. This reagent is effective for direct
  immunofluorescence staining of human tissue for flow cytometric analysis using I test
  for IO<sup>6</sup> cells or IOO ul of sample. Anti-IgAl should be used with wash steps before reagent
  addition or with ficoll gradient separation to remove Immunoglobulins from serum;
- Presentation: liquid;
- Source: Supernatant proceeding from an in vitro cell culture of a cell hybridoma;
- Purification: Affinity chromatography;
- Other names: IGHA1;
- Gene ID: 3493.

#### 2. ANTIGEN DETAILS

Large description: Human IgA occurs in multiple molecular forms (polymeric and monomeric) and two subclasses which show differential distribution between the mucosal and circulatory compartments of the immune system. In humans, 85–90% of IgA antibodies are found in body secretions such us saliva, tears, breast milk; gastrointestinal mucous membranes, urogenital and respiratory tracts and prostatic fluid, among others. The other IO-15% of IgA antibodies are found in blood as monomeric, IgAI, and polymeric forms IgA2. IgAI is present 5 times more than IgA2. (1-2)

## 3. WARRANTY

Warranted only to conform to the quantity and contents stated on the label or in the product labelling at the time of delivery to the customer. Immunostep disclaims hereby other warranties.

Immunostep's sole liability is limited to either the replacement of the products or refund of the purchase price.

#### 4. ADDITIONAL INFORMATION

For research use only. Not for diagnostic use.

Not for resale. Immunostep will not be responsible of violations that may occur with the use of this product. Any use of this product other than the specified in this document is strictly prohibited. Unless otherwise indicated by Immunostep by written authorization, this product is intended for research only and is not to be used for any other purpose, including without limitation, for human or animal diagnostic, therapeutic or commercial purposes.

Please, refer to www.immunostep.com technical support for more information.

## REFERENCES

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- Oliva-Ariza G, Fuentes-Herrero B, Carbonell C, Lecrevisse Q, Pérez-Pons A, Torres-Valle A, Pozo J, Martín-Oterino JÁ, González-López Ó, López-Bernús A, Bernal-Ribes M, Belhassen-García M, Pérez-Escurza O, Pérez-Andrés M, Vazquez L, Hernández-Pérez G, García Palomo FJ, Leoz P, Costa-Alba P, Pérez-Losada E, Yeguas A, Santos Sánchez M, García-Blázquez M, Morán-Plata FJ, Damasceno D, Botafogo V, Muñoz-García N, Fluxa R, Contreras-Sanfeliciano T, Almeida J, Marcos M, Orfao A. High frequency of low-count monoclonal B-cell lymphocytosis in hospitalized COVID-19 patients. Blood. 2023 Jan 19;14I(3):309-314. doi: 10.1182/blood.2022017439. PMID: 36399707.

## 6. EXPLANATION OF SYMBOLS

	Fluorochrome
REF	Product reference
$\sum$	Content for <n> analysis</n>
<b>₽</b>	Regulatory Status
RUO	Research Use Only
***	Manufacturer

## MANUFACTURED BY:

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