






Anti-Human IgA1 (SAA1)

			
FITC	IGAIF-25T	25 test	
PE	IGAIP-25T	25 test	
PerCP/Cyanine5.5	IGAIPP5.5-25T	25 test	

1. PRODUCT DESCRIPTION

- **Clone:** SAA1;
- **Isotype:** Mouse IgG1;
- **Tested application:** flow cytometry (Quality tested), ELISA, WB, Multiplex assays and Immunocytochemistry-F;
- **Immunogen:** Fc fragment of human IgA1 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 (NaN₃);
- **Recommended usage:** Immunostep's anti-human IgA1, clone SAA1, is a monoclonal antibody intended for the identification of cells expressing IgA1 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 1 test for 10⁶ cells or 100 ul of sample. Anti-IgA1 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 as saliva, tears, breast milk; gastrointestinal mucous membranes, urogenital and respiratory tracts and prostatic fluid, among others. The other 10-15% of IgA antibodies are found in blood as monomeric, IgA1, and polymeric forms IgA2. IgA1 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.







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

5. REFERENCES

1. Woof JM, Kerr MA. The function of immunoglobulin A in immunity. *J Pathol.* 2006 Jan;208(2):270-82. doi: 10.1002/path.1877. PMID: 16362985.
2. Oliva-Ariza G, Fuentes-Herrero B, Carbonell C, Lecresse 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-Escorza 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;141(3):309-314. doi: 10.1182/blood.2022017439. PMID: 36399707.

6. EXPLANATION OF SYMBOLS

	Fluorochrome
	Product reference
	Content for <n> analysis
	Regulatory Status
	Research Use Only
	Manufacturer

7. MANUFACTURED BY: IMMUNOSTEP S.L.



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