

# Anti-Human IgA2 (SAA2)



PE

IGA2P-25T

25 test

20 µL/test

PerCP/Cyanine5.5

IGA2PP5.5-25T

25 test

5 µL/test



## 1. PRODUCT DESCRIPTION

**Clone:** SAA2;

**Isotype:** Mouse IgG1;

**Tested application:** flow cytometry (Quality tested), ELISA, WB, Multiplex assays and Immunocytochemistry-F;

**Immunogen:** Human IgA2 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 IgA2, clone SAA2, is a monoclonal antibody intended for the identification of cells expressing IgA2 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 10<sup>6</sup> cells or 100 µl of sample. Anti-IgA2 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:** IGHA2;

**Gene ID:** 3494.

## 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. <sup>(1-2)</sup>

## 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](http://www.immunostep.com) technical support for more information.

## 5. REFERENCES

1. Woolf 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, 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;141(3):309-314. doi: 10.1182/blood.2022017439. PMID: 36399707.

## 6. EXPLANATION OF SYMBOLS



Form



Catalog reference



Contains sufficient for &lt;n&gt; test



Quantity per test



Regulatory Status



Research Use Only



Manufacturer

## 7. MANUFACTURED BY: IMMUNOSTEP S.L.



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