

Anti- Human Carboxypeptidase (CA2)



BULK
APC



CPAPU
CPAA-100T



1 mg
100 test



5. REFERENCES

- Teodosio C, Garcia-Montero AC, Jara-Acevedo M, Sanchez-Munoz L, Alvarez-Twose I, Nunez R, et al. Mast cells from different molecular and prognostic subtypes of systemic mastocytosis display distinct immunophenotypes. *J Allergy Clin Immunol* Mar;125(3):719-26, 26 e1-26 e4.

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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1. PRODUCT DESCRIPTION

- Clone:** CA2;
- Isotype:** IgG2a;
- Tested application:** flow cytometry;
- Immunogen:** Skin Carboxypeptidase;
- 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 Carboxypeptidase, clone CA2, is a monoclonal antibody intended for the identification and enumeration of carboxypeptidase A using flow cytometry. This reagent is effective for direct immunofluorescence staining of human tissue for flow cytometric analysis using 1 test for 10⁶ cells;
- Presentation:** liquid;
- Source:** Supernatant proceeding from an in vitro cell culture of a cell hybridoma;
- Purification:** Affinity chromatography;
- Other names:** CPA, Carboxypolypeptidase;
- Gene ID:** 1358;
- Molecular weight:** 47 kDa.

2. ANTIGEN DETAILS

Large description: This antibody reacts with human Carboxypeptidase A of mast cells, also known as CPA. This antibody has been used as clasification and prognosis of Systemic Mastocytosis by Flow Cytometry. Mastocytosis is a heterogeneous group of clonal mast cell (MC) disorders characterized by abnormal proliferation and accumulation of MCs in 1 or multiple tissues. Most frequently, clonally expanded MCs carry the D816V or other activating stem cell growth factor receptor gene (KIT) mutations, which translate into morphologic atypia, functional transformation, and an aberrant immunophenotype.⁽¹⁾

3. WARRANTY

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

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