



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti- Human Carboxypeptidase (CA2)

Fluorochrome	Reference	Size
APC	CPAA-100T	100 test
APC-C750	CPAAC750-100T	100 test

### PRODUCT DESCRIPTION

**Clone:** CA2

**Isotype:** IgG

**Tested application:** flow cytometry

**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 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  $\leq 1 \mu\text{g}/10^6$  cells.

**Presentation:** liquid

**Source:** Supernatant proceeding from an *in vitro* cell culture of a cell hybridoma.

**Purification:** Affinity chromatography.

### ANTIGEN DETAILS

**Large description:** This antibody reacts with human Carboxypeptidase A of mast cells, also known as CPA. This antibody has been used as classification 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.<sup>(1)</sup>

**Other Names:** CPA, Carboxypolypeptidase

**Gene ID:** 1358

**Molecular weight:** 47 kDa

Please, refer to [www.immunostep.com](http://www.immunostep.com) technical support for more information.

### 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.

### REFERENCES

1. 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 el-26 e4.

### MANUFACTURED BY



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