

Datasheet for ABIN892070

**anti-GM1123 antibody (AA 21-120) (AbBy Fluor® 488)**[Go to Product page](#)

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | GM1123   |
| Binding Specificity: | AA 21-120  |
| Reactivity:          | Human, Mouse, Rat  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This GM1123 antibody is conjugated to AbBy Fluor® 488  |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)),<br>Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | KLH conjugated synthetic peptide derived from human Cocksackie Adenovirus Receptor |
| Isotype:              | IgG  |
| Cross-Reactivity:     | Human, Mouse, Rat  |
| Predicted Reactivity: | Dog,Cow,Pig,Horse,Rabbit   |
| Purification:         | Purified by Protein A.   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | GM1123   |
| Alternative Name: | Cocksackie Adenovirus Receptor ( <a href="#">GM1123 Products</a> ) |

## Target Details

|             |   |
|-------------|---|
| Background: | <p>Synonyms: CAR, HCAR, CAR4/6, Coxsackievirus and adenovirus receptor, CVB3-binding protein, Coxsackievirus B-adenovirus receptor, HCVADR, CXADR</p> <p>Background: Component of the epithelial apical junction complex that may function as an homophilic cell adhesion molecule and is essential for tight junction integrity. Also involved in transepithelial migration of leukocytes through adhesive interactions with AMICA1/JAML a transmembrane protein of the plasma membrane of leukocytes. The interaction between both receptors also mediates the activation of gamma-delta T-cells, a subpopulation of T-cells residing in epithelia and involved in tissue homeostasis and repair. Upon epithelial CXADR-binding, AMICA1 induces downstream cell signaling events in gamma-delta T-cells through PI3-kinase and MAP kinases. It results in proliferation and production of cytokines and growth factors by T-cells that in turn stimulate epithelial tissues repair.</p> |
| Gene ID:    | 1525  |
| UniProt:    | <a href="#">P78310</a>  |

## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | <p>FCM 1:20-100</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> |
| Restrictions:      | For Research Use only   |

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 µg/µL  |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin  |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C   |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |

## Handling

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Expiry Date: 12 months