

## Anti-ASAM Antibody-PE (2D639)

## Product Details

|               |            |
|---------------|------------|
| Ig Type:      | Mouse IgG1 |
| Reactivity:   | Human      |
| Conjugation:  | PE         |
| Clone:        | 2D639      |
| Purification: | Protein A  |

## Applications

|                    |   |
|--------------------|---|
| Verified Activity: | Flow cytometric analysis of Human ASAM expression on T98G cells. Cells were stained with purified anti-Human ASAM, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells. |
| Application:       | FCM   |
| Recommended        | 10 µl/Test, 0.1 mg/ml   |

## Properties

|                      |  |
|----------------------|--|
| Stability & Storage: | Store at 2°C-8°C for 12 months, do not freeze. Keep away from direct sunlight. Sodium azide is toxic to cells and should be disposed of properly. Flush with large volumes of water during disposal. |
| Shipping:            | Shipping with blue ice.  |

## Antigen Details

|                  |   |
|------------------|---|
| Immunogen:       | Recombinant Protein: Human ASAM / CLMP Protein (TMPY-00964) |
| Antigen Species: | Human   |
| Synonyms:        | ACAM;CXADR-like membrane protein;Ol16;Asam                  |

## Research Background

Adipocyte-specific adhesion molecule (ASAM), also known as ACAM and CLMP, is a type I transmembrane protein and a member of the CTX (cortical thymocyte marker in *Xenopus*) family within the immunoglobulin superfamily. ASAM protein is highly expressed in the small intestine and placenta, and is found at intermediate levels in the heart, skeletal muscle, colon, spleen, kidney, and lung, and appears in low levels in the liver and peripheral blood leukocytes as well. ASAM is a transmembrane component of tight junctions in epithelial cells that can mediate cell aggregation and regulate transepithelial resistance across polarized epithelial cells. In addition, its expression is strongly correlated with white adipose tissue (WAT) mass of human and rodents with obesity.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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