

## bs-1147R-Cy5

### • Rabbit Anti-SynCAM/TSLOC1 Polyclonal Antibody, Cy5 conjugated

#### Conjugated Primary Antibodies

##### Background:

Mediates homophilic cell-cell adhesion in a  $\text{Ca}^{2+}$ -independent manner. Also mediates heterophilic cell-cell adhesion with CADM3 and PVRL3 in a  $\text{Ca}^{2+}$ -independent manner. Acts as a tumor suppressor in non-small-cell lung cancer (NSCLC) cells. Interaction with CRTAM promotes natural killer (NK) cell cytotoxicity and interferon-gamma (IFN-gamma) secretion by CD8<sup>+</sup> cells in vitro as well as NK cell-mediated rejection of tumors expressing CADM3 in vivo. May contribute to the less invasive phenotypes of lepidic growth tumor cells. In mast cells, may mediate attachment to and promote communication with nerves. CADM1, together with MITF, is essential for development and survival of mast cells in vivo. May act as a synaptic cell adhesion molecule that drives synapse assembly. May be involved in neuronal migration, axon growth, pathfinding, and fasciculation on the axons of differentiating neurons. May play diverse roles in the spermatogenesis including in the adhesion of spermatocytes and spermatids to Sertoli cells and for their normal differentiation into mature spermatozoa.

**Purification:** Was purified by Protein A and peptide affinity chromatography.

##### Storage:

Prepared as lyophilized powder or liquid and shipped on ice. Store at  $-20^{\circ}\text{C}$  for one year. Protect from light.

##### Reconstitution:

If the antibody is in liquid form, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.

**Size:** 100ul or 100ug lyophilized

**Concentration:** 1ug/uL

**Host:** Rabbit

**Reactivities:** Human, Mouse, Rat,

##### Application:

- IF (1:100-500)
- Not yet tested in other applications.  
Optimal working dilutions must be determined by the end user.

**Antibody Type:** Polyclonal

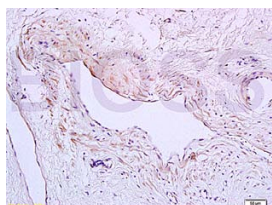
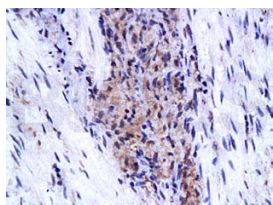
**Isotype:** IgG

**Molecular Weight:** 44kDa

##### Preservatives:

10ug/uL BSA and 0.1% NaN<sub>3</sub>.

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.



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