

## Anti-Human CD309-154Sm

**Catalog #:** 3154009B

**Package Size:** 100 tests

**Storage:** Store product at 4°C. Do not freeze.

**Cross Reactivity:** Human

**Clone:** 7D4-6

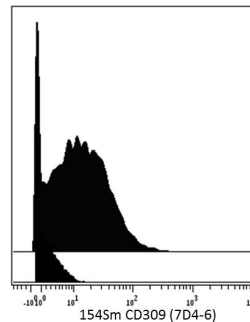
**Isotype:** Mouse IgG1

**Formulation:** Antibody stabilizer with 0.05% Sodium Azide

### Technical Information

**Validation:** Each lot of conjugated antibody is quality control tested by CyTOF® analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

**Recommended Usage:** The suggested use is 1 µl for up to 3 X 10<sup>6</sup> live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.



Human H9 embryonic stem cells (top) and human BJ fibroblasts (bottom) stained with 154Sm-anti-CD309 (7D4-6).

### Description

CD309, also known as KDR and VEGFR-2, is transmembrane tyrosine kinase receptor. CD309 is a high-affinity receptor for VEGF and plays a role in hematopoiesis and angiogenesis. It is mainly expressed by endothelial cells, embryonic tissues, and megakaryocytes

### References

Bandura, D. R., et al. Mass Cytometry: Technique for Real Time Single Cell Multitarget Immunoassay Based on Inductively Coupled Plasma Time-of-Flight Mass Spectrometry. *Analytical Chemistry* 81:6813-6822, 2009.

Ornatsky, O. I., et al. Highly multiparametric analysis by mass cytometry. *J Immunol Methods* 361 (1-2):1-20, 2010.

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