

# Anti-Mouse CD36-147Sm

Catalog: 3147013B

Package Size: 100 tests

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

Reactivity: Mouse,

Clone: No.72-1

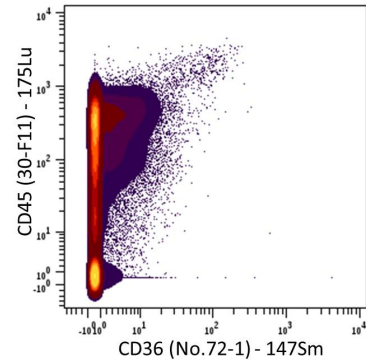
Isotype: Rat IgG2a

Formulation: Antibody stabilizer with 0.05% Sodium Azide

## Technical Information

**Validation:** Each lot of conjugated antibody is quality control tested by CyTOF<sup>®</sup> 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.



C57BL/6 mouse bone marrow cells stained with 175Lu-anti-CD45 (30-F11) and 147Sm-anti-CD36 (No.72-1).

## Description

CD36, also known as GPIIb or GPIV, is an integral membrane glycoprotein and member of the class B scavenger receptor family of cell surface proteins. It is expressed on the surface of various epithelial and endothelial cells, erythrocytes, platelets, macrophages/monocytes and some macrophage-derived dendritic cells.

## 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.

## For technical support visit [fluidigm.com/support](http://fluidigm.com/support)

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