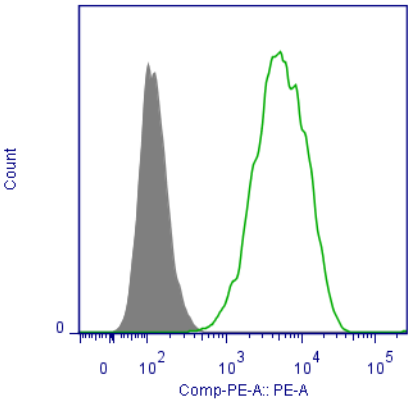
Product Data Sheet

Glut1.RBD.MFC



MSCs labelling with 5 µL of Glut1.RBD revealed with a PE-coupled secondary antibody

Identity Card

Catalog Number	GLUT1-M25 / GLUT1-M100
Size	25 tests and 100 tests respectively
Volumes	140 µL and 550 µL respectively
Isotype	Mouse IgG1
Transporter	GLUT1 *(SLC2A1)*
Reactivity	Human, Mouse, Rat, Dog, Horse
Formulation	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 20% glycerol
Storage	The RBD solution should be stored undiluted at -20°C

Applications

Applications: Flow cytometry / Immunofluorescence

Recommended Usage: Each lot of this RBD is quality control tested by flow cytometry. For flow cytometry applications, the suggested use of this reagent is 1 to 5 µL for 10^5 cells labeling in 100 µl volume (10^6 cells.mL^{-1}). It is recommended that the reagent be titrated for optimal performance for each application. Detailed protocols can be downloaded from our website.

Description: Glut1 (solute carrier family 2, facilitated glucose transporter member 1 -SLC2A1-) is the major glucose transporter. It is expressed on most cell types, being a key player of basal glucose metabolism, and as such can be dysregulated by conditions triggering, or requiring, energetic modulations such as glucose starvation, malignancies etc.

References

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METAFORA biosystems | 4 rue Pierre Fontaine | 91058 Evry cedex | France
www.metafora-biosystems.com | Phone +33 (0)1 60 87 89 25 | contact@metafora-biosystems.com