

Product Datasheet

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Anti-Human CD151 Purified Monoclonal Antibody

Product Information

Product No.: C2038
Clone: 50-6
RRID: AB_2829116
Isotype: Mouse IgG1
Storage: Sterile 2-8°C

Product Description

Specificity:

Clone 50-6 recognizes an epitope on human CD151.

Antigen Distribution:

CD151 is found on immature hematopoietic cells, megakaryocytes, platelets, keratinocytes, epithelial cells, muscle cells, Schwann cells, vascular endothelium, and activated T-cells.

Background:

CD151 is a 29 kD cell surface glycoprotein that is a member of the transmembrane 4 superfamily (tetraspanin family), which is characterized by cell-surface proteins consisting of four hydrophobic domains that mediate signal transduction events involved in the regulation of cell development, activation, growth and motility. CD151 is known to complex with integrins and other transmembrane 4 superfamily proteins and is involved in cell adhesion, migration, and tumor cell metastasis.

Known Reactivity Species:

Human

Format:

Purified

Formulation

This Purified conjugate is formulated in 0.01 M phosphate buffered saline (PBS) pH 7.4, 150 mM NaCl, 1% BSA and 0.09% sodium azide as a preservative.

Storage and Stability

This antibody is stable for at least one week when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at -20°C in a manual defrost freezer. **Avoid Repeated Freeze Thaw Cycles.**

Applications

Applications and Recommended Usage (Quality Tested By Leinco):

FC The suggested concentration for this 50-6 antibody for staining cells in flow cytometry is $\leq 1 \mu\text{g}$ per 10^6 cells in a volume of 100 μl or 100 μl of whole blood. Titration of the reagent is recommended for optimal performance for each application.

Other Applications Reported in Literature:

ICC

WB

Country of Origin

USA

References

1. Testa, et. al., *Cancer Research*. 59:3812-3820, 1999

Products are for research use only. Not for use in diagnostic or therapeutic procedures.

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