



Duffy (m): 293T Lysate: sc-119861

BACKGROUND

Duffy protein (also designated CD234) is the receptor for the human malarial parasite *Plasmodium vivax*, simian malarial parasite *Plasmodium knowlesi*, and can bind chemokines. Duffy is an acidic glycoprotein that carries antigenic determinants of the Duffy blood group system, which consists of four alleles, five phenotypes and five antigens. Duffy protein is detectable in endothelial cells of postcapillary venules, epithelial cells of kidney collecting ducts, lung alveoli, thyroid, and Purkinje cells in the cerebellum.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: Acker1 (mouse) mapping to 1 H3.

PRODUCT

Duffy (m): 293T Lysate represents a lysate of mouse Duffy transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

Duffy (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive Duffy antibodies. Recommended use: 10-20 µl per lane.

Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

STORAGE

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.