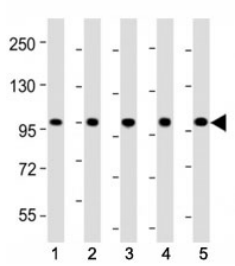
LGR-5 Antibody (F48168)

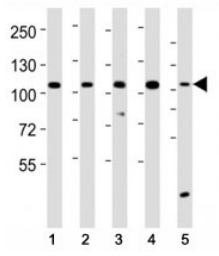
Catalog No.	Formulation	Size
F48168-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F48168-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

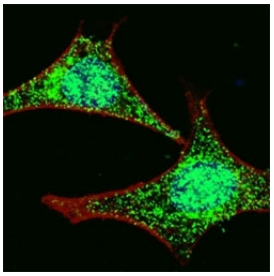
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	O75473
Applications	Western blot: 1:1000 Immunofluorescence: 1:50-1:100 Flow cytometry: 1:25
Limitations	This LGR-5 antibody is available for research use only.



Western blot testing of LGR-5 antibody at 1:2000 dilution. Lane 1: mouse skeletal muscle; 2: rat skeletal muscle; 3: HeLa; 4: HepG2; 5: SH-SY5Y lysate; Predicted band size : 100 kDa.



Western blot testing of LGR-5 antibody at 1:2000 dilution. Lane 1: HeLa lysate; 2: HepG2; 3: mouse cerebellum; 4: mouse skeletal muscle lysate; 5: SH-SY5Y; Predicted band size : 100 kDa.



Fluorescent confocal image of HeLa cells stained with LGR-5 antibody at 1:100. Note the highly specific localization of the LGR5 immunosignal to the nucleus and cytoplasm.

Description

LGR5 is expressed across a diverse range of tissue such as in the muscle, placenta, spinal cord and brain and particularly as a biomarker of adult stem cells in certain tissues. [Wiki]

Application Notes

Titration of the LGR-5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 689-719 from the human protein was used as the immunogen for this LGR-5 antibody.

Storage

Aliquot the LGR-5 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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