

Product Datasheet

mScarlet Goat Polyclonal Antibody (orb1463262)

Catalog Number	orb1463262
Category	Antibodies
Description	Goat polyclonal antibody to mScarlet (Scarlet fluorescent protein). mScarlet is a basic (constitutively fluorescent), monomeric engineered derivative of red fluorescent protein (RFP) isolated from members of the Discosoma (mushroom coral) family. mScarlet is a ~26.5 kDa protein that is optimally excited at a 569 nm and has a maximum of emission at 594 nm. It is used in research as a reporter to label and study the biology of the cell using a wide range of applications.
Target	In 293HEK cells transfected with cds plasmid detects a band of 26.5 kDa by Western blot. This antibody does not recognize GFP (green fluorescent protein)
Clonality	Polyclonal
Species/Host	Goat
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human
Predicted Reactivity	All
Form/Appearance	Polyclonal antibody supplied as a 100 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.
Concentration	Please inquire
Purification	Epitope affinity purified

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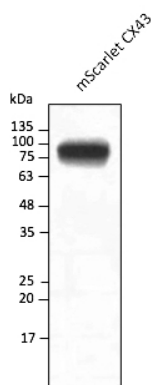
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Immunogen	Antigen: Purified recombinant fluorescent protein produced in E. coli.
Tested applications	IEM, IF, IHC-Fr, IHC-P, WB
Dilution range	WB:1:500-1:5,000, IF:1:50-1:500, IHC-P:1:50-1:500, IHC-F:1:50-1:500, IEM:1:50-1:500
Application notes	The antibody solution should be gently mixed before use.
Specificity	In 293HEK cells transfected with cds plasmid detects a band of 26.5 kDa by Western blot. This antibody does not recognize GFP (green fluorescent protein).
Source	Purified recombinant fluorescent protein produced in E. coli
Storage	For continuous use, store at 2-8 C for one-two days. For extended storage, store in -20 C freezer. Working dilution samples should be discarded if not used within 12 hours
Note	For research use only
Expiration Date	12 months from date of receipt.



WB analysis of HEK293 transfected cell lysates at 50 µg per lane using mScarlet antibody

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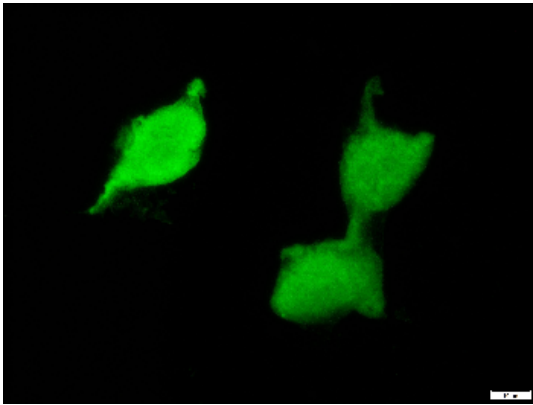
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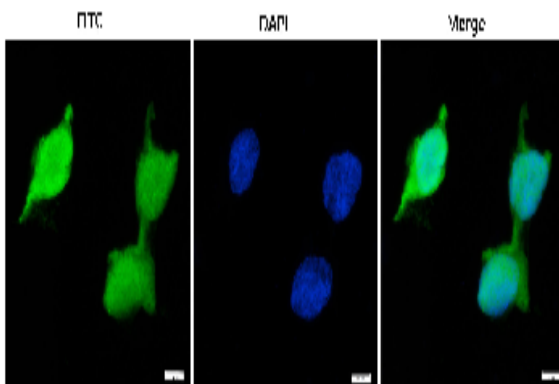
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Immunofluorescent analysis of 293T-mScarlet cells using mScarlet Goat Polyclonal Antibody orb1463262 with dilution at 1:200.



Immunofluorescent analysis of 293T-mScarlet cells using mScarlet Goat Polyclonal Antibody orb1463262 with dilution at 1:200.

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