Nanog Recombinant Rabbit Monoclonal Antibody (SC05-70)

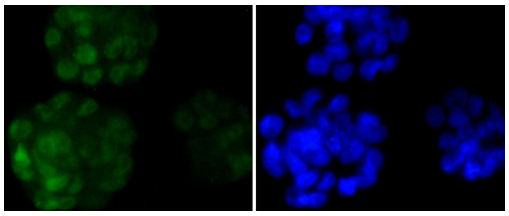
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Host/Isotype	Rabbit / IgG
Expression system	HEK293 cells
Class	Recombinant Monoclonal
Type	Antibody
Clone	SC05-70
Conjugate	Unconjugated
Immunogen	Recombinant protein within Human Nanog aa 9-49
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	TBS, pH 7.4, with 40% Glycerol, 0.05% BSA
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2809485

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	-
Immunohistochemistry (IHC)	1:50-1:800	-
Immunocytochemistry (ICC/IF)	1:50-1:200	-
Flow Cytometry (Flow)	1:500-1:1,000	-

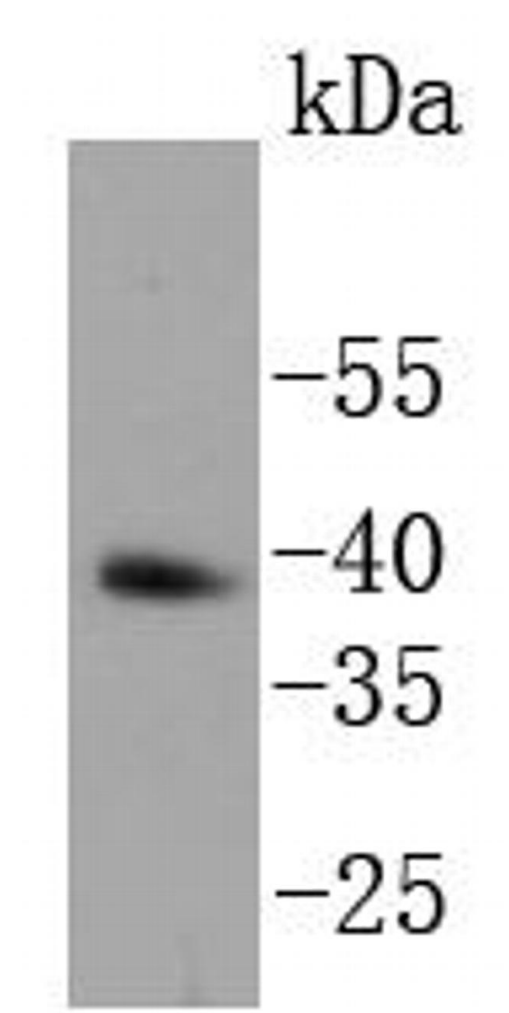
Product Specific Information

Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

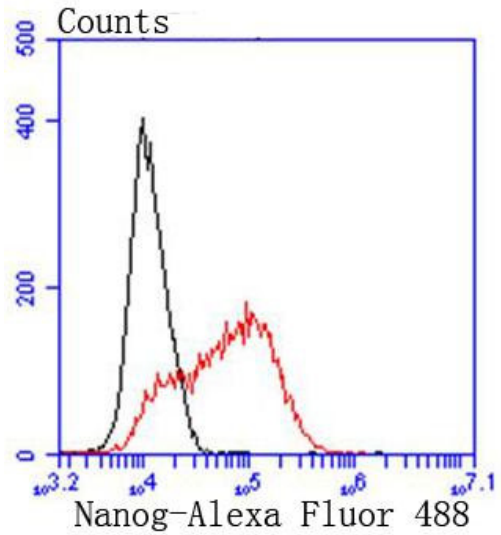
Product Images For Nanog Recombinant Rabbit Monoclonal Antibody (SC05-70)



Nanog Antibody (MA5-32198) in ICC/IF
Immunocytochemical analysis of Nanog in F9 cells using a Nanog Monoclonal antibody (Product # MA5-32198) as seen in green. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Nanog Antibody (MA5-32198) in WB
Western blot analysis of Nanog in F9 cell lysate using a Nanog Monoclonal antibody (Product # MA5-32198) at a dilution of 1:1,000.



Nanog Antibody (MA5-32198) in Flow
Flow Cytometric analysis of Nanog in NCCIT cells using a Nanog Monoclonal Antibody (Product # MA5-32198) at a dilution of 1:50, as seen in red compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.