

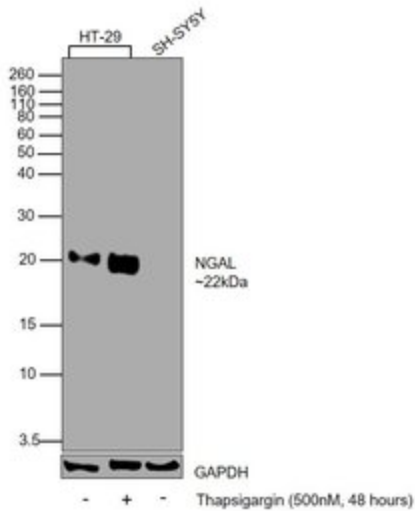
NGAL Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E. coli-derived human Lipocalin 2 recombinant protein (Position: Q21-G198).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 5mg BSA
Contains	0.05mg sodium azide
Storage conditions	-20°C
RRID	AB_2746704

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	-
Immunocytochemistry (ICC/IF)	5 µg/mL	-
ELISA (ELISA)	0.1-0.5 µg/mL	-

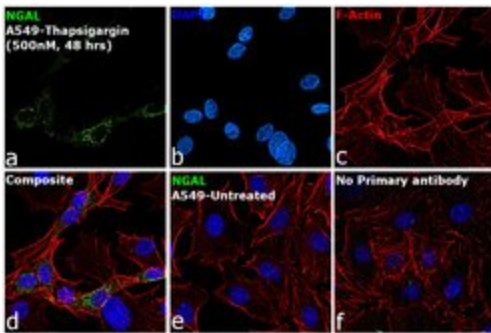
Product Specific Information

Add 0.2 mL of distilled water, will yield a concentration of 500 µg/mL.



NGAL Antibody (PA5-79589)

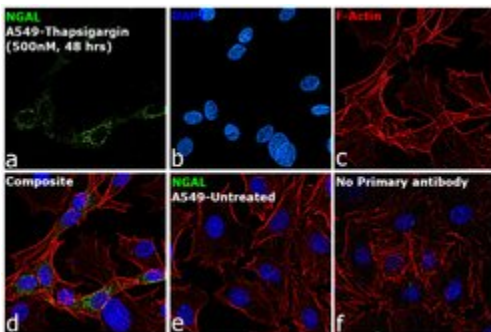
Altered expression of proteins upon cell treatment demonstrates antibody specificity. Western blot using NGAL Polyclonal Antibody(Product #PA5-79589), shows an increase in expression levels upon Thapsigargin treatment in HT-29. Cell treatment validation info.



NGAL Antibody (PA5-79589)

Detection of altered subcellular localization of the target protein by cell treatment demonstrates antibody specificity. Immunofluorescence analysis using NGAL Polyclonal Antibody (Product # PA5-79589), shows cytoplasmic localization of NGAL, upon treatment with Thapsigargin. Cell treatment validation info.

Product Images For NGAL Polyclonal Antibody



NGAL Antibody (PA5-79589) in ICC/IF

Immunofluorescence analysis of NGAL was performed using 70% confluent log phase A549 treated with Thapsigargin (500nM, 48hrs). The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 45 minutes at room temperature. The cells were labeled with NGAL Polyclonal Antibody (Product # PA5-79589) at 5µg/mL in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Donkey anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32790), (1:2000), for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b:Blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing cytoplasmic localization. Panel e represents control cells showing low levels of expression of NGAL Panel f represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.

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