

TYRO3 Recombinant Rabbit Monoclonal Antibody (14H68L29)

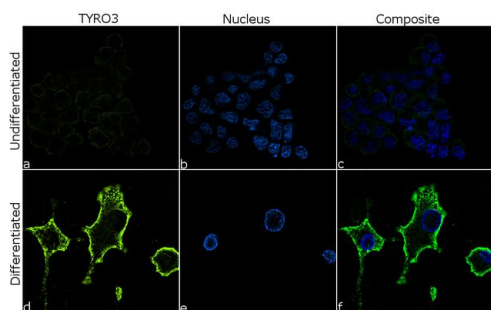
Product Details	
Size	100 µg
Species Reactivity	Human, Rat
Host/Isotope	Rabbit / IgG
Class	Recombinant Monoclonal
Type	Antibody
Clone	14H68L29
Conjugate	Unconjugated
Immunogen	Protein corresponding to human TYRO3 [aa790-aa890]
Form	Liquid
Concentration	0.5 mg/ml
Purification	Protein A
Storage buffer	PBS, pH 7.4
Contains	0.09% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Applications	Tested	Dilution	Published
Immunocytochemistry (ICC)	✓	1:100	
Immunofluorescence (IF)	✓	1:100	

Product Specific Information

This antibody is predicted to react with Human, Monkey, Pig, Bovine, Cat.

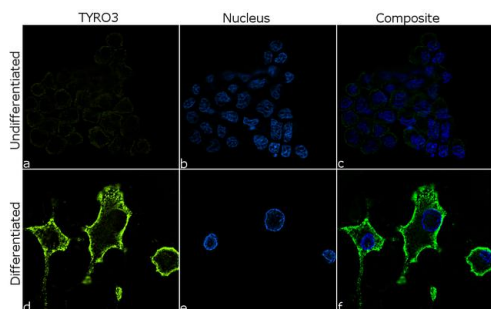
Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages 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.



TYRO3 Antibody (703295)

Detection of subcellular localization of the target protein by cell treatment demonstrates antibody specificity. Immunofluorescence analysis of TYRO3 using Anti-TYRO3 Recombinant Rabbit Monoclonal Antibody (Product # 703295) detects TYRO3 on the membrane of PC-12 cells treated and differentiated with NGF in comparison to control cells. Cell Treatment validation info.

Product Images For TYRO3 Recombinant Rabbit Monoclonal Antibody (14H68L29)



TYRO3 Antibody (703295) in IF

For immunofluorescence analysis, PC-12 cells were fixed and permeabilized for detection of endogenous TYRO3 using Anti-TYRO3 Recombinant Rabbit Monoclonal Antibody (Product # 703295, 1:100 dilution) and labeled with Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034, 1:2000). Nuclei (blue) were stained using ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). Panel a-c) shows representative undifferentiated cells that were stained for detection and localization of TYRO3 protein (green) with less signal compared to panel d-f) clearly demonstrating enhanced membrane localization of TYRO3 in PC-12, differentiated to neuron-like cells with NGF (200ng/mL, 7 days). The images were captured at 60X magnification.

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