

# CTLA-4 Recombinant Rabbit Monoclonal Antibody (11H7L17)

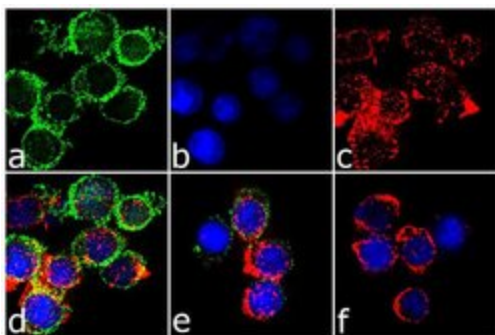
Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Recombinant Monoclonal
Type	Antibody
Clone	11H7L17
Conjugate	Unconjugated
Immunogen	Protein corresponding to human CTLA4 (aa186-223)
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 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.
RRID	AB_2662598

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC/IF)	2 µg/mL	-

## Product Specific Information

This antibody is predicted to react with Monkey, Cat, Pig

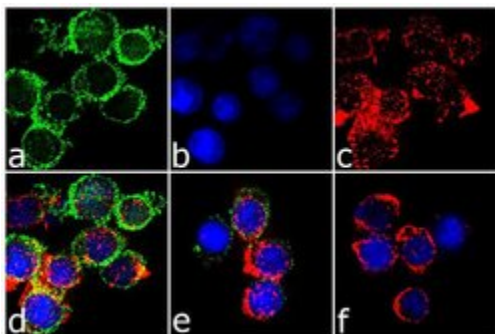
Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages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



### CTLA-4 Antibody (702534)

Altered expression of proteins upon cell treatment demonstrates antibody specificity. Immunofluorescence analysis of CTLA-4 using CTLA-4 Antibody (11H7L17), Recombinant Rabbit Monoclonal (Product # 702534), shows increased expression of CTLA-4 in the cytoplasm of Jurkat cells upon treatment with PMA. Cell treatment validation info.

## Product Images For CTLA-4 Recombinant Rabbit Monoclonal Antibody (11H7L17)



### CTLA-4 Antibody (702534) in ICC/IF

For immunofluorescence analysis, Jurkat cells were fixed and permeabilized for detection of endogenous CTLA4 using Anti-CTLA4 Recombinant Rabbit Monoclonal Antibody (Product # 702534, 2 µg/mL) and labeled with Goat anti-Rabbit IgG (H+L) Superclonal Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034, 1:2000). Panel a) shows representative cells that were stained for detection and localization of CTLA4 protein (green), Panel b) is stained for nuclei (blue) using SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). Panel c) represents cytoskeletal F-actin staining using Rhodamine Phalloidin (Product # R415, 1:300). Panel d) is a composite image of Panels a, b and c clearly demonstrating staining in the membrane (green) in cells treated with PMA (5 ng/mL, 48hrs). Panel e) demonstrates lower signal intensity in untreated cells. Panel f) represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.

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