

# Alexa Fluor 488 Polyclonal Antibody

Product Details	
Size	500 µL
Species Reactivity	Chemical
Published Species	Non-human primate, Chemical, Mouse
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Alexa Fluor 488 coupled to carrier protein
Form	Liquid
Concentration	1 mg/mL
Purification	purified
Storage buffer	PBS, pH 7.2
Contains	5mM sodium azide
Storage Conditions	4° C
RRID	AB_221544

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	Assay Dependent	10 Publications
Immunocytochemistry (ICC)	Assay Dependent	27 Publications
Immunohistochemistry (IHC)	Assay Dependent	17 Publications
ELISA (ELISA)	-	1 Publication
Immunofluorescence (IF)	-	23 Publications
Immunohistochemistry (Paraffin) (IHC (P))	-	1 Publication
Immunoprecipitation (IP)	-	2 Publications
Miscellaneous PubMed (Misc)	-	5 Publications
Neutralization (Neu)	-	2 Publications
Western Blot (WB)	-	4 Publications

## Immunocytochemistry (27)

Frontiers in physiology

### The Apical Localization of Na<sup>+</sup>, K<sup>+</sup>-ATPase in Cultured Human Retinal Pigment Epithelial Cells Depends on Expression of the $\beta_2$ Subunit.

"A11094 was used in immunocytochemistry to show that apical polarization of the sodium, potassium-ATPase in retinal pigment epithelium cells depends on the expression of the beta2 subunit"

Authors: Lobato-Álvarez JA,Roldán ML,López-Murillo TD,González-Ramírez R,Bonilla-Delgado J,Shoshani L

**Species**  
Not Applicable

**Dilution**  
Not Cited

**Year**  
2019

The Journal of neuroscience : the official journal of the Society for Neuroscience

### JIP1-Mediated JNK Activation Negatively Regulates Synaptic Plasticity and Spatial Memory.

"A-11094 was used in Immunocytochemistry-immunofluorescence to identify c-Jun N-terminal kinase (JNK)-interacting protein 1-mediated JNK activation as a novel molecular pathway that negatively regulates NMDAR-dependent synaptic plasticity and memory."

Authors: Morel C,Sherrin T,Kennedy NJ,Forest KH,Avcioglu Barutcu S,Robles M,Carpenter-Hyland E,Alfulaj N,Standen CL,Nichols RA,Benveniste M,Davis RJ,Todorovic C

**Species**  
Chemical

**Dilution**  
1:200

**Year**  
2018

[View more ICC references on thermofisher.com](#)

## Flow Cytometry (10)

mAbs

### Co-engaging CD47 and CD19 with a bispecific antibody abrogates B-cell receptor/CD19 association leading to impaired B-cell proliferation.

"A-11094 was used in Flow cytometry/Cell sorting to study the novel role of CD47xCD19 co-ligation in inhibiting B cell proliferation."

Authors: Hatterer E,Barba L,Noraz N,Daubeuf B,Aubry-Lachainaye JP,von der Weid B,Richard F,Kosco-Vilbois M,Ferlin W,Shang L,Buatois V

**Species**  
Chemical

**Dilution**  
Not Cited

**Year**  
2019

Nature communications

### Selective hematopoietic stem cell ablation using CD117-antibody-drug-conjugates enables safe and effective transplantation with immunity preservation.

"A-11094 was used in Flow cytometry/Cell sorting to study the use of a CD117-antibody-drug-conjugate to deplete host haematopoietic stem cells prior to haematopoietic stem cell transplantation."

Authors: Czechowicz A,Palchaudhuri R,Scheck A,Hu Y,Hoggatt J,Saez B,Pang WW,Mansour MK,Tate TA,Chan YY,Walck E,Wernig G,Shizuru JA,Winau F,Scadden DT,Rossi DJ

**Species**  
Chemical

**Dilution**  
Not Cited

**Year**  
2019

[View more Flow references on thermofisher.com](#)

## More applications with references on thermofisher.com

IF (23) IHC (17) Misc (5) WB (4) IP (2) IHC (P) (1) ELISA (1) Neu (2)

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