

Rabbit anti-Human CD129 Polyclonal Antibody | anti-CD129 antibody

Anti-CD129 (Phospho-S519) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265118	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

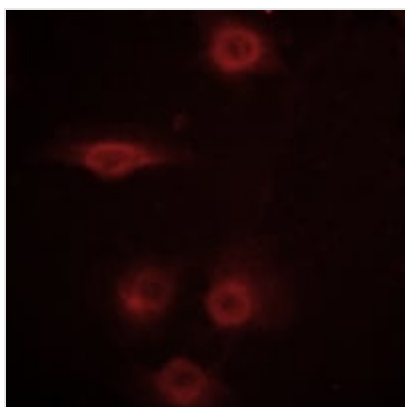
PRODUCT SYNONYMS

CD129; Polyclonal Antibody; Anti-CD129 (Phospho-S519) Antibody; anti-CD129 antibody

PRODUCT SPECIFICATIONS

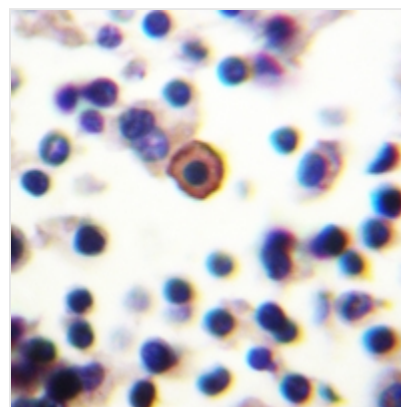
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of CD129 protein only when phosphorylated at S519.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-CD129 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S519 of human CD129 protein. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



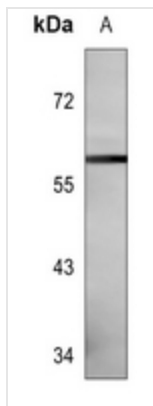
IF (Immunofluorescence)

Immunofluorescent analysis of CD129 (Phospho-S519) staining in HuvEc cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of CD129 (Phospho-S519) staining in human lymph node formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (Phospho-H 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of CD129 (Phospho-S519) expression in HuT78 (A) whole cell lysates.
(Predicted band size: 57 kD; Observed band size: 57 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-CD129 antibody	Rabbit polyclonal antibody to CD129 (Phospho-S519)
Product Categories/Family for anti-CD129 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	29171682
NCBI GeneID	3581
NCBI Accession #	NP_002177.2
NCBI GenBank Nucleotide #	NM_002186.2
UniProt Accession #	Q01113 ; Q14634 ; Q8WWU1 ; Q96TF0 ; B9ZVT0
Molecular Weight	57,147 Da
NCBI Official Full Name	interleukin-9 receptor isoform 1
NCBI Official Synonym Full Names	interleukin 9 receptor
NCBI Official Symbol	IL9R
NCBI Official Synonym Symbols	CD129; IL-9R
NCBI Protein Information	interleukin-9 receptor; IL-9 receptor
UniProt Protein Name	Interleukin-9 receptor
UniProt Gene Name	IL9R
UniProt Synonym Gene Names	IL-9 receptor; IL-9R
UniProt Entry Name	IL9R_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.