

Rat anti-Mouse IL-6R Monoclonal Antibody | anti-IL-6R antibody

Anti-IL-6R [D7715A7]

CATALOG # AAA72118	HOST Rat	REACTIVITY Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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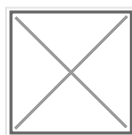
PRODUCT SYNONYMS

IL-6R; Monoclonal Antibody; Anti-IL-6R [D7715A7]; CD126; 15A7; IL-6Ra; IL6R; Interleukin-6 receptor subunit alpha; Il6ra; IL-6 receptor subunit alpha; IL-6R subunit alpha; IL-6R-alpha; IL-6RA; IL-6R 1; anti-IL-6R antibody

PRODUCT SPECIFICATIONS

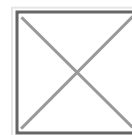
Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rat IgG2b, kappa
Clone Number	D7715A7
Specificity	This antibody is specific for murine IL-6R.
Purity/Purification	Purified antibody. Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-IL-6R antibody	FCM/FACS (Flow Cytometry), Blocking
PMID	2073815
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow-cytometry using the Anti-IL-6R antibody D7715A7 . Mouse splenocytes were stained with anti-Fluorescein IgG antibody (4-4-20; isotype control, shaded line) or the rabbit IgG version of D7715A7 at a dilution of 1:100 for 1h at RT. After washing, bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



IF (Immunofluorescence)

Immunofluorescence staining of mouse splenocytes using anti-IL-6R antibody D7715A7. Immunofluorescence analysis of paraformaldehyde fixed mouse splenocytes immobilized on Shi-fix cover-slips and stained with the chimeric rabbit IgG version of D7715A7 at 10ug/ml followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom DAPI, merged channels and an isotype control. The isotype control was stained with anti-Fluorescein antibody followed by Alexa Fluor 488 secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-IL-6R antibody	Recombinant monoclonal antibody to IL-6R. Recombinant Platform with variable regions (i.e. specificity) from the hybridoma D7715A7. This antibody was raised by immunising Lewis rats with OKT4 cells.
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Product Categories/Family for anti-IL-6R antibody	oncology ; cytokine signalling
References	Coulie et al. A monoclonal antibody specific for the murine IL-6-receptor inhibits the growth of a mouse plasmacytoma in vivo. Curr Top Microbiol Immunol. 1990;166:43-6. Note on publication: Describes the original generation of this antibody, and the characterisation of its ability to block IL-6 binding.

NCBI AND UNIPROT INFORMATION

NCBI GI #	110431356
NCBI GeneID	16194
NCBI Accession #	NP_034689.2
NCBI GenBank Nucleotide #	NM_010559.3
UniProt Accession #	P22272
Molecular Weight	50,455 Da
NCBI Official Full Name	interleukin-6 receptor subunit alpha isoform 1
NCBI Official Synonym Full Names	interleukin 6 receptor, alpha
NCBI Official Symbol	IL6ra
NCBI Official Synonym Symbols	IL6r; CD126; IL-6R; IL-6RA; IL-6R-alpha
NCBI Protein Information	interleukin-6 receptor subunit alpha
UniProt Protein Name	Interleukin-6 receptor subunit alpha
UniProt Gene Name	IL6ra
UniProt Synonym Gene Names	IL6r; IL-6 receptor subunit alpha; IL-6R subunit alpha; IL-6R-alpha; IL-6RA
UniProt Entry Name	IL6RA_MOUSE

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/il-6r-antibody-clone-d7715a7-flow-cytometry-elisa/72118>