

Rabbit anti-Human IL22 Monoclonal Antibody | anti-IL22 antibody

IL22 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283052	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

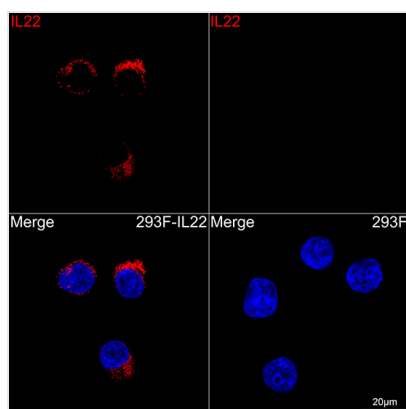
PRODUCT SYNONYMS

IL22; Monoclonal Antibody; IL22 Rabbit mAb; TIFa; IL-21; IL-22; ILTIF; IL-TIF; IL-D110; zcyto18; TIFIL-23; anti-IL22 antibody

PRODUCT SPECIFICATIONS

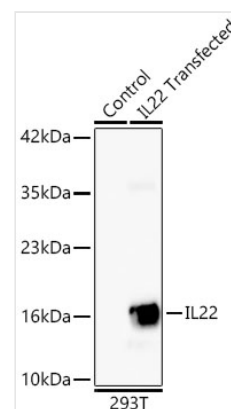
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	APISSHCRLD KSNFQQPYIT NRTFMLAKEA SLADNNTDVR LIGEKLFHGV SMSERCYLMK QVLNFTLEEV LFPQSDRFQP YMQEVVPFLA RLSNRLSTCH IEGDDLHIQR NVQKLKDTV KLGESGEIKA IGELDLLFMS LRNACI
Applicable Applications for anti-IL22 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 34-179 of human IL22(NP_065386.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



ICC (Immunocytochemistry)

Confocal imaging of 293F-IL22 and 293F cells using IL22 Rabbit mAb (AAA283052, dilution 1:200)(Red). DAPI was used for nuclear staining (blue). Objective: 100x.



WB (Western Blot)

Western blot analysis of extracts of normal 293T cells and 293T transfected with IL22 using IL22 Rabbit mAb (AAA283052) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 45s.

ADDITIONAL INFORMATION

Related Product Information for anti-IL22 antibody	This gene is a member of the IL10 family of cytokines that mediate cellular inflammatory responses. The encoded protein functions in antimicrobial defense at mucosal surfaces and in tissue repair. This protein also has pro-inflammatory properties and plays a role in the pathogenesis of several intestinal diseases. The encoded protein is a crucial cytokine that regulates host immunity in infectious diseases, including COVID-19 (disease caused by SARS-CoV-2).
Product Categories/Family for anti-IL22 antibody	Immunology Inflammation; Cytokines; Interleukins; Cell Intrinsic Innate Immunity Signaling Pathway; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	10092625
NCBI GeneID	50616
NCBI Accession #	NP_065386.1
NCBI GenBank Nucleotide #	NM_020525.4
UniProt Accession #	Q9GZX6
Molecular Weight	Calculated MW: 20kDa Observed MW: 16kDa
UniProt Protein Name	Interleukin-22
UniProt Gene Name	IL22
UniProt Synonym Gene Names	ILTIF; ZCYTO18; IL-22; IL-TIF
UniProt Entry Name	IL22_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/il22-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/283052>