



Anti-Human IL-26 (#6D20)

20230310DS



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	101-M786
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with human recombinant protein of IL-26).

Target Background

Synonyms (Target):	Interleukin-26, Protein AK155
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Interleukin-26 (IL-26) is a protein that in humans is encoded by the IL26 gene. IL-26 is the most recently identified member of the IL-20 cytokine subfamily, which was formed according to the usage of common receptor subunits and similarities in target-cell profiles and functions. All cytokines belonging to this subfamily are members of the larger IL-10 family. IL-26 is expressed in certain herpesvirus-transformed T cells but not in primary stimulated T cells. IL-26 signals through a receptor complex comprising two distinct proteins called IL-20 receptor 1 and IL-10 receptor 2. By signaling through this receptor complex, IL-26 induces rapid phosphorylation of the transcription factors STAT1 and STAT3, which enhance IL-10 and IL-8 secretion and as expression of the CD54 molecule on the surface of epithelial cells.

Database References Target

Protein RefSeq:	NP_060872.1
Uniprot ID:	Q9NPH9
mRNA RefSeq:	NM_018402.1

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#6D20)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	Human recombinant IL-26
Formulation	lyophilized
Reconstitution buffer	PBS

Application/Handling

Reconstitution: Centrifuge vial prior to opening. Reconstitute the antibody with 500 µl sterile PBS and the final concentration is 200 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20°C for at least for six months without detectable loss of activity.



AVOID REPEATED FREEZE AND THAW CYCLES!

Applications

The antibody can be used within the following applications:
WB

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!