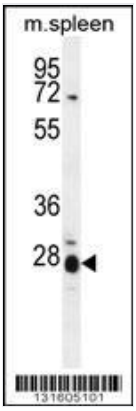
IL17B Antibody – Rabbit Polyclonal

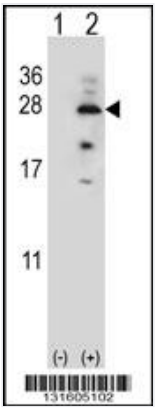
PRODUCT OVERVIEW

Product Name	IL17B, Polyclonal Antibody
Full Product Name	IL17B, ID (IL17B, IL20, NIRF, ZCYTO7, Interleukin-17B, Cytokine Zcyto7, Interleukin-20, Neuronal interleukin-17-related factor) (Azide free) (HRP)
Product Gene Name	anti-IL17B antibody
Product Synonym Names	IL17B; IL20; NIRF; ZCYTO7; Interleukin-17B; Cytokine Zcyto7; Interleukin-20; Neuronal interleukin-17-related factor
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	20,437 Da
OMIM	604627
3D Structure	ModBase 3D Structure for Q9UHF5
Immunogen	IL17B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 46-74 amino acids from the Central region of human IL17B.
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-IL17B antibody	Antibodies; Interleukin
Applications Tested/Suitable for anti-IL17B antibody	Immunohistochemistry (IHC), ELISA (EIA), Western Blot (WB)
Application Notes for anti-IL17B antibody	IHC: 1:10-50 ELISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-IL17B antibody	The protein encoded by this gene is a T cell-derived cytokine that shares sequence similarity with IL17. This cytokine was reported to stimulate the release of TNF alpha (TNF) and IL1 beta (IL1B) from a monocytic cell line. Immunohistochemical analysis of several nerve tissues indicated that this cytokine is primarily localized to neuronal cell bodies.
Product References and Citations for anti-IL17B antibody	Koskinen, L.L., et al. Tissue Antigens 74(5):408-416(2009). Wang, X., et al. Ann. Otol. Rhinol. Laryngol. 115(6):450-456(2006). Ryan, A.W., et al. Tissue Antigens 65(2):150-155(2005). Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003). Moore, E.E., et al. Neuromuscul. Disord. 12(2):141-150(2002).

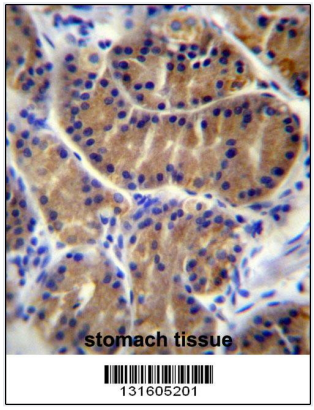
Other Notes	Small volumes of anti-IL17B antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for IL17B purchase	MBS6309930 is an antibody targeting IL17B. Also known as IL17B, ID (IL17B, IL20, NIRF, ZCYTO7, Interleukin-17B, Cytokine Zcyto7, Interleukin-20, Neuronal interleukin-17-related factor) (Azide free) (HRP). Reactive in Human, Mouse. Host: Rabbit.



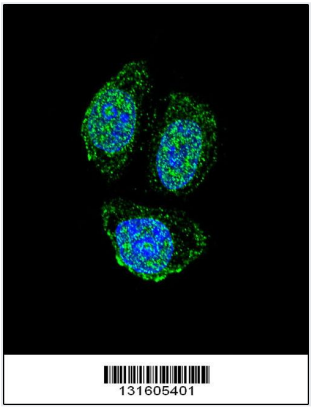
Western Blot (WB) of anti-IL17B antibody
IL17B Antibody (Center) western blot analysis in mouse spleen tissue lysates (35ug/lane).This demonstrates the IL17B antibody detected the IL17B protein (arrow).



Western Blot (WB) of anti-IL17B antibody
Western blot analysis of IL17B (arrow) using rabbit polyclonal IL17B Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the IL17B gene.



Immunohistochemistry (IHC) of anti-IL17B antibody
IL17B Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of IL17B Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Immunofluorescence (IF) of anti-IL17B antibody
Confocal immunofluorescent analysis of IL17B Antibody (Center) with Hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL17B. It may not necessarily be applicable to this product.

NCBI GI #	7657228
NCBI GeneID	27190
NCBI Accession #	NP_055258.1
UniProt Primary Accession #	Q9UHF5
UniProt Secondary Accession #	Q14CE5
UniProt Related Accession #	Q9UHF5
GenBank Nucleotide #	NM_014443.2
NCBI Official Full Name	interleukin-17B

NCBI Official Synonym Full Names	interleukin 17B
NCBI Official Symbol	IL17B
NCBI Official Synonym Symbols	NIRF; IL-20; IL-17B; ZCYTO7
UniProt Protein Name	Interleukin-17B
UniProt Synonym Protein Names	Cytokine Zcyto7; Interleukin-20; IL-20; Neuronal interleukin-17-related factor
Protein Family	Interleukin
UniProt Gene Name	IL17B
UniProt Synonym Gene Names	IL20; NIRF; ZCYTO7; IL-17B; IL-20
UniProt Entry Name	IL17B_HUMAN
NCBI Protein Information	interleukin-17B; cytokine Zcyto7; cytokine-like protein ZCYTO7; interleukin 20; interleukin-17 beta; interleukin-20; neuronal interleukin-17 related factor; neuronal interleukin-17-related factor
UniProt Comments for IL17B	IL17B: Stimulates the release of tumor necrosis factor alpha and IL-1-beta from the monocytic cell line THP-1. Belongs to the IL-17 family. Protein type: Secreted; Secreted, signal peptide; Cytokine Chromosomal Location of Human Ortholog: 5q33.1 Cellular Component: extracellular space Molecular Function: cytokine activity Biological Process: cell-cell signaling; immune response; inflammatory response
Research Articles on IL17B	**1.** Results show that amplified signaling of interleukin-17 receptor B (IL-17RB) and its ligand IL-17B promot tumorigenicity in breast cancer cells and impeded acinus formation in immortalized normal mammary epithelial cells.
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