

IL-38 Monoclonal Antibody (H127C), eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Mouse / IgG2b, kappa
Class	Monoclonal
Type	Antibody
Clone	H127C
Conjugate	Unconjugated
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C
RRID	AB_2572906

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-Dependent	-
Immunohistochemistry (Paraffin) (IHC (P))	0.1 µg/mL	-
Flow Cytometry (Flow)	Assay-Dependent	-
ELISA (ELISA)	Assay-Dependent	-
Immunoprecipitation (IP)	Assay-Dependent	-

Product Specific Information

Description: The monoclonal antibody H127C recognizes human IL-38. IL-38 is a member of the Interleukin-1 family (IL-1F) and shares homology with IL-1R antagonist (IL-1Ra) and IL-36R antagonist (IL-36Ra). IL-38 is expressed mostly in the skin and proliferating B cells of the tonsil and is also present at low levels in the heart and placenta. IL-38 functions as an anti-inflammatory cytokine that inhibits IL-36 by binding to IL-36R and also inhibits the production of IL-17 and IL-22. Gene polymorphisms of IL-38 are associated with psoriatic arthritis, ankylosing spondylitis, and heart disease.

Applications Reported: This H127C antibody has been reported for use in flow cytometric analysis, immunoprecipitation, western blotting, ELISA, and immunohistochemical staining of formalin-fixed paraffin embedded tissue sections.

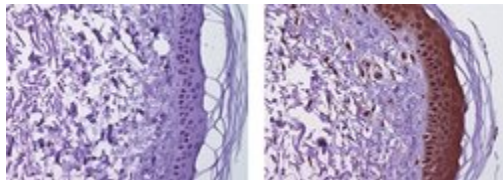
Applications Tested: This H127C antibody has been tested by immunohistochemistry on formalin-fixed paraffin embedded human tissue using low pH antigen retrieval and can be used at less than or equal to 0.1 µg/mL. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Purity: Greater than 90%, as determined by SDS-PAGE.

Aggregation: Less than 10%, as determined by HPLC.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For IL-38 Monoclonal Antibody (H127C), eBioscience™



IL-38 Antibody (14-7385-82) in IHC (P)

Immunohistochemistry of formalin-fixed paraffin embedded human skin tissue using 0.1 µg/mL of Mouse IgG2b K Isotype Control Purified (left) or 0.1 µg/mL of Anti-Human IL-38 Purified (right) followed by Anti-Mouse Biotin, Streptavidin-HRP, and DAB visualization. Nuclei are counterstained with hematoxylin.

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.