

DESCRIPTION

Target:	IL17RA
Target aliases:	IL-17RA, CDw217, HIL-17R, CD217, IL17R, CANDF5, IMD51
Fc isotype:	IgG2a
Membrane proteome specificity:	Monospecific for 6,000 membrane proteins tested
Species reactivity:	Human (Others untested)
Extracellular epitope:	Yes
Fc modifications:	C-terminal Avitag ¹ , disabled Fc-γ receptor binding ²
Source:	Recombinant CHO expression; purified by Protein A chromatography
Formulation:	Endotoxin Free PBS pH 7.4, sterile-filtered
Concentration:	1 mg/ml

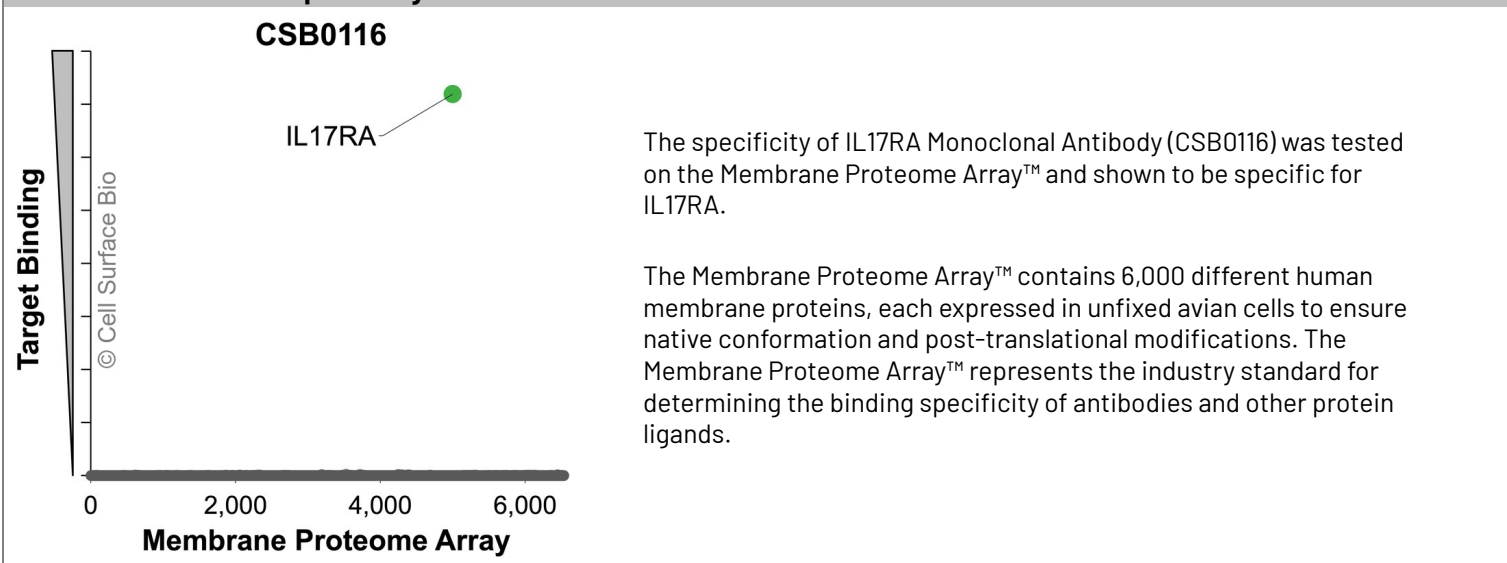
1. A peptide tag that can be biotinylated in vitro using the biotin ligase enzyme (BirA).
2. Mutated Fc-γ receptor binding site to minimize non-specific antibody binding.

IL17RA TARGET INFORMATION

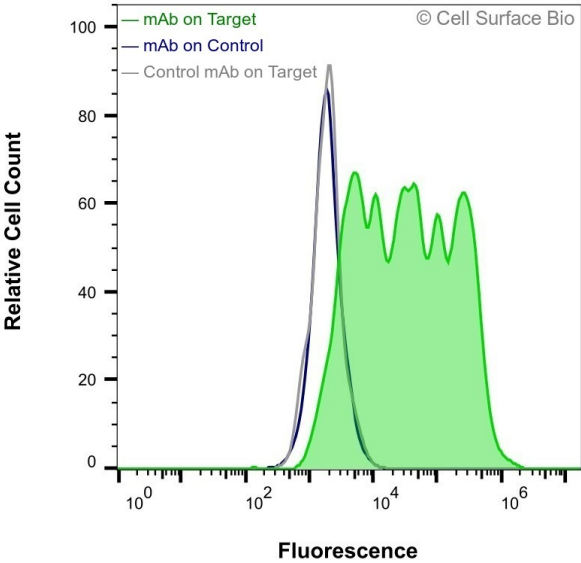
IL17RA is a single-pass transmembrane protein and receptor for IL17A and IL17F. IL17A acts through IL17RA to mediate pathways that affect innate immune response, host defense, immune modulation, cell trafficking, and tissue repair. IL17RA is involved in inflammatory and autoimmune disorders, including rheumatoid arthritis. (NCBI Gene: 23765, UniProtKB/Swiss-Prot: Q96F46) Other names: IL-17RA, CDw217, HIL-17R, CD217, IL17R, CANDF5, IMD51

SHIPPING AND STORAGE

Shipping:	Shipped at ambient temperature. Store at 4°C.
Stability & Storage:	Stable for 12 months from date of receipt when stored at 4°C. Avoid repeated freeze-thaw cycles.

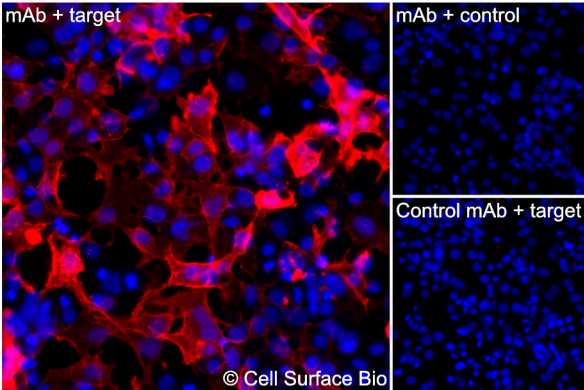
VALIDATION DATA
Membrane Proteome Specificity


Applications	Conditions	Recommended concentration
Flow Cytometry, Extracellular	Live, Unpermeabilized	1 µg/ml

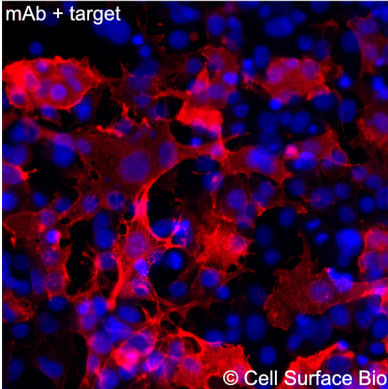
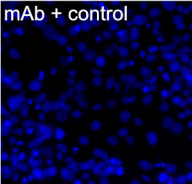
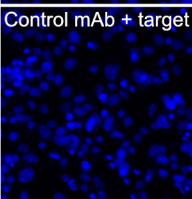


JS-1 cells transiently transfected with IL17RA were stained with IL17RA Monoclonal Antibody (CSB0116) (green) or isotype control antibody (gray), followed by AlexaFluor 647- conjugated anti- IgG secondary antibody. JS-1 cells transiently transfected with an empty control vector were also stained with IL17RA Monoclonal Antibody (CSB0116) (blue).

Applications	Conditions	Recommended concentration
Immunofluorescence, Extracellular	Fixed 4% paraformaldehyde	1 µg/ml



(Left) COS-7 cells transiently transfected IL17RA were stained with IL17RA Monoclonal Antibody (CSB0116) followed by AlexaFluor 647 anti- IgG secondary antibody (red) and DAPI (blue). (Top right) COS-7 cells transiently transfected with an empty control vector stained with IL17RA Monoclonal Antibody. (Bottom right) Isotype control: COS-7 cells transfected with IL17RA and stained with control MAb.

Applications	Conditions	Recommended concentration
Immunofluorescence, Intracellular	Fixed 4 % paraformaldehyde, Permeabilized 0.1% Triton X-100	1 µg/ml
mAb + target  © Cell Surface Bio mAb + control  Control mAb + target  (Left) COS-7 cells transiently transfected IL17RA were permeabilized and stained with IL17RA Monoclonal Antibody (CSB0116) followed by AlexaFluor 647 anti- IgG secondary antibody (red) and DAPI (blue). (Top right) COS-7 cells transiently transfected with an empty control vector stained with IL17RA Monoclonal Antibody. (Bottom right) Isotype control: COS-7 cells transfected with {{target}} and stained with control MAb.		