

Anti-IL-17RA Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

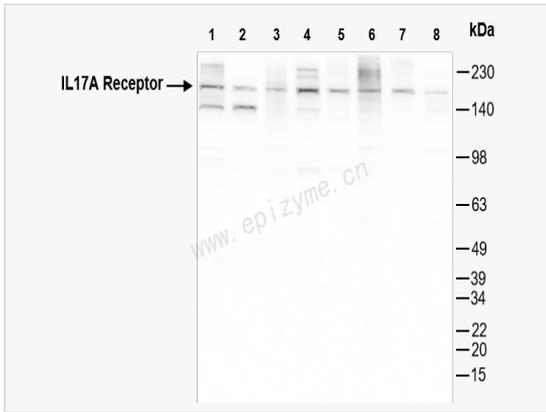
Catalog # R014913

Product Information

Application	WB, IHC-P/IF (Tissue-P), IF (Cell)/ICC, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	80C84B07
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human IL17A Receptor
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-IL-17RA Rabbit mAb [80C84B07] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	CANDF5, CD217, CD217 antigen, CDw217, CTLA8, HIL 17R, hIL17R, I17RA_HUMAN, IL 17 receptor A, IL 17 receptor, IL 17RA, IL-17 receptor A, IL-17RA, IL17, IL17A receptor, IL17R, IL17RA, IMD51, Interleukin 17 receptor A, Interleukin-17 receptor A, MGC10262.
Calculated MW	Calculated MW: 96 kDa; Observed MW: 160 kDa
Uniprot ID	Q96F46
Gene ID	23765
Background	Receptor for IL17A and IL17F. Binds its IL17A ligand with low affinity, suggesting that additional components are involved in IL17A-induced signaling.
Cellular Location	Membrane.
Tissue Location	Widely expressed.



Western Blot - Anti-IL-17RA Rabbit mAb [80C84B07]

All lanes: R014913 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: SW620 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 5: Caco2 (Human colorectal adenocarcinoma epithelial cell) whole cell lysates

Lane 6: Jurkat (Human T lymphocytic leukemia cell) whole cell lysates

Lane 7: 293T (Human embryonic kidney cell) whole cell lysates

Lane 8: SCC-9 (Human tongue squamous carcinoma epithelial cell) whole cell lysates

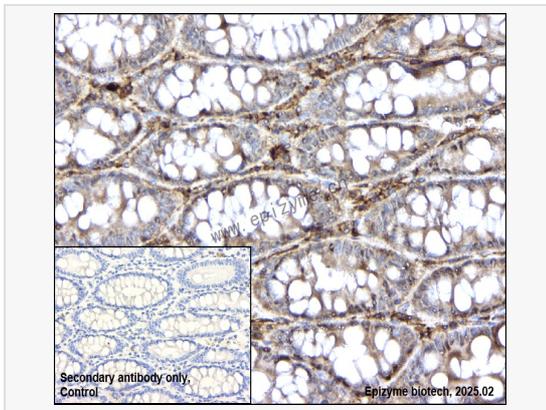
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 96 kDa

Observed band size: 160 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-IL-17RA Rabbit mAb [80C84B07]

Sample: Paraformaldehyde-fixed, paraffin embedded human colonic cancer tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R014913 at 1:200 dilution

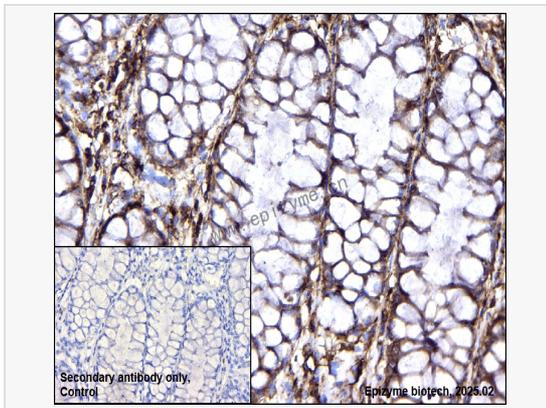
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-IL-17RA Rabbit mAb [80C84B07]

Sample: Paraformaldehyde-fixed, paraffin embedded human rectal adenocarcinoma tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R014913 at 1:200 dilution

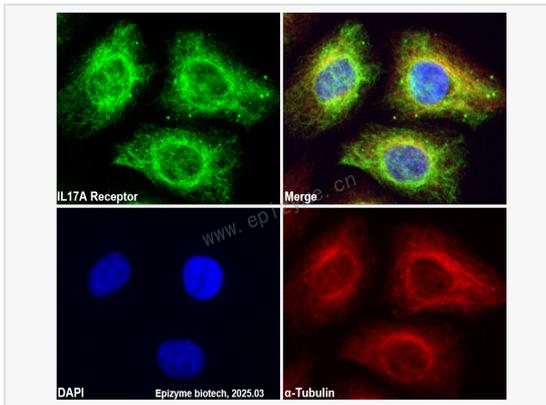
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunofluorescence - Anti-IL-17RA Rabbit mAb [80C84B07]

Sample: HeLa cells

The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.

Primary antibodies: R014913 at 1:100 dilution and α -tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution

Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)

Nuclei were stained with DAPI (shown in blue).