

# Anti-RA057/11.89.1 [11.89.1]

**Catalogue number:** 160528

**Sub-type:**

**Images:**

## Contributor

**Inventor:**

**Institute:** Queen Mary University of London

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-RA057/11.89.1 [11.89.1]

**Alternate name:** NET (Neutrophil Extracellular Trap)

**Class:** Recombinant

**Conjugate:** Unconjugated

**Description:** Rheumatoid arthritis (RA) is a joint-destructive inflammatory disorder characterized by breach of self-tolerance and production of anti-cit-peptide/protein Abs (ACPA). In the RA synovium, ectopic germinal centers (GCs) support an autoantigen-driven immune response leading to local ACPA+ B cell differentiation (1, 2). Recently, we reported that autoreactive B cells highly mutated within ectopic GCs frequently target cit-histones (cit-H2A/B) contained in neutrophil extracellular trap...

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:**

**Reactivity:**

**Selectivity:**

**Host:** Human

**Immunogen:** TBD

**Immunogen UNIPROT ID:** TBD

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Neutrophil Extracellular Trap Antigen

**Target alternate names:**

**Target background:** Rheumatoid arthritis (RA) is a joint-destructive inflammatory disorder characterized by breach of self-tolerance and production of anti-cit-peptide/protein Abs (ACPA). In the RA synovium, ectopic germinal centers (GCs) support an autoantigen-driven immune response leading to local ACPA+ B cell differentiation (1, 2). Recently, we reported that autoreactive B cells highly mutated within ectopic GCs frequently target cit-histones (cit-H2A/B) contained in neutrophil extracellular trap...

**Molecular weight:**

**Ic50:**

## Applications

**Application:** ELISA ; WB

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:**

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:**

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:** Corsiero et al. 2020. J Immunol. 204(9):2374-2379. PMID: 32221039.

CancerTools.org