

# Anti-S100A12 [NH4]

**Catalogue number:** 153163

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Nancy Hogg

**Institute:** Cancer Research UK, London Research Institute: Lincoln's Inn Fields

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-S100A12 [NH4]

**Alternate name:** MRP-6, calgranulin C, ENRAGE

**Class:** Polyclonal

**Conjugate:** Unconjugated

**Description:** Major biomarker of inflammation eg. inflammatory bowel disease, rheumatoid arthritis. Serves as a ligand for RAGE (receptor for advanced glycation products) with role in tumour growth and wound healing.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:**

**Reactivity:** Human

**Selectivity:**

**Host:** Rabbit

**Immunogen:** Recombinant human S100A12

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:** Human neutrophils

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** S100A12

**Target alternate names:**

**Target background:** Major biomarker of inflammation eg. inflammatory bowel disease, rheumatoid arthritis. Serves as a ligand for RAGE (receptor for advanced glycation products) with role in tumour growth and wound healing.

**Molecular weight:** 6 kDa

**Ic50:**

## Applications

**Application:** IHC ; IP ; WB

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 0.9-1.1 mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:** Whole serum

**Storage conditions:** -15° C to -25° C

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

## Related tools

**Related tools:**

## References

**References:** Robinson et al. 2002. J Biol Chem. 277(5):3658-65. PMID: 11723110. ; The S100 family

heterodimer, MRP-8/14, binds with high affinity to heparin and heparan sulfate glycosaminoglycans on endothelial cells. ; Robinson et al. 2000. Biochem Biophys Res Commun. 275(3):865-70. PMID: 10973813. ; A comparison of human S100A12 with MRP-14 (S100A9).

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