

Anti-S100A8 [7C12/4]

Catalogue number: 151240

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-S100A8 [7C12/4]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: S100A8 and S100A9 are cytosolic calcium-binding proteins of 8kDa and 14kDa respectively that form a heterodimer. S100A8 and S100A9 are expressed in peripheral blood monocytes, neutrophils and keratinocytes (mature). Expression is lost on tissue maturation of monocytes to macrophages. S100A9 may be associated with monocyte and neutrophil activation and the accumulation of these cells in inflammatory sites.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgM

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Recombinant human S100A8

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Neutrophil lysate (from spleen)

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: S100A8 (MRP8)

Target alternate names:

Target background: S100A8 and S100A9 are cytosolic calcium-binding proteins of 8kDa and 14kDa respectively that form a heterodimer. S100A8 and S100A9 are expressed in peripheral blood monocytes, neutrophils and keratinocytes (mature). Expression is lost on tissue maturation of monocytes to macrophages. S100A9 may be associated with monocyte and neutrophil activation and the accumulation of these cells in inflammatory sites.

Molecular weight:

Ic50:

Applications

Application: ELISA ; FACS ; IHC ; WB

Application notes:

Handling

Format: Liquid

Concentration: 1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Lin et al. 2013. PLoS Genet. 9(5):e1003516. PMID: 23717213. ; Ikbkap/Elp1 deficiency causes male infertility by disrupting meiotic progression. ; Erenpreisa et al. 2009. Exp Cell Res. 315(15):2593-603. PMID: 19463812. ; The role of meiotic cohesin REC8 in chromosome segregation in gamma irradiation-induced endopolyploid tumour cells. ; Masson et al. 1999. EMBO J. 18(22):6552-60. PMID: 10562567. ; The meiosis-specific recombinase hDmc1 forms ring structures and interacts with hRad51.

CancerTools.org