

Anti-S100A9 [1H9]

Catalogue number: 151216

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-S100A9 [1H9]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: S100A9 is a cytosolic calcium-binding protein that forms a heterodimer. S100A9 is 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: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Recombinant human S100A9

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: Neutrophil lysate (from spleen)

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: S100A9 (MRP14)

Target alternate names:

Target background: S100A9 is a cytosolic calcium-binding protein that forms a heterodimer. S100A9 is 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 ; IF ; IP ; RIA ; 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: Cystatin M loss is associated with the losses of estrogen receptor, progesterone receptor, and HER4 in invasive breast cancer. ; Ko et al. 2010. Breast Cancer Res. 12(6):R100. PMID: 21092257. ; Gulati et al. 2010. Diagn Pathol. 5:18. PMID: 20331873. ; Overexpression of c-erbB2 is a negative prognostic factor in anaplastic astrocytomas. ; Sundvall et al. 2007. Oncogene. 26(48):6905-14. PMID: 17486069. ; Differential nuclear localization and kinase activity of alternative ErbB4 intracellular domains. ; Carn et al. 2005. Mol Cancer Ther. 4(2):243-55. PMID: 15713896. ; H-RAS V12-induced radioresistance in HCT116 colon carcinoma cells is heregulin dependent. ; Srinivasan et al. 1998. J Pathol. 185(3):236-45. PMID: 9771476. ; Expression of the c-erbB-4/HER4 protein and mRNA in normal human fetal and adult tissues and in a survey of nine solid tumour types.

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