

Data Sheet

HUMAN MRP8/14 (CALPROTECTIN, L1 PROTEIN)

ANTIBODY, MONOCLONAL

Catalog no.:	A 1062.1 / A 1062.2
Immunogen:	Human MRP8 and MRP14 heterocomplex
Synonyms:	Calprotectin, S100A8/A9, Calgranulin A/B heterocomplex, L1 Protein
Swiss-Prot No:	P05109 and P06702
Gene Information:	Gene Name: S100A8 and S100A9 GenelD: 6279and 6280
Host:	Mouse Balb/c
Clone no.:	FP 72
Isotype:	IgG ₁
Matrix:	Cell culture supernatant, Protein G purified, PBS pH 7.4, 0.09% NaN ₃
Specificity:	Calprotectin

Human: subpopulation of human macrophages, monocytes and granulocytes; peripheral blood monocytes carry the antigen extra- and intracellularly, neutrophils only intracellularly.

Animal: subpopulation of macrophages of rhesus monkey

Contents: 10 µg / 100 µg (lyophilized)

Resuspend in 10 µl / 100 µl aqua bidest.

Known applications: ELISA, immunohistochemistry (paraffin sections, 1:1000)

This antibody has not been tested for use in all applications. This does not necessarily exclude its use for non-tested procedures. The stated dilutions are recommendations only. We suggest that the applicant titrates the antibody in his/her system using appropriate negative/positive controls.

Store at: 2-8 °C (lyophilized); - 20 °C (dissolved)

Repeated thawing and freezing must be avoided

Last updated on: 4 August 2016

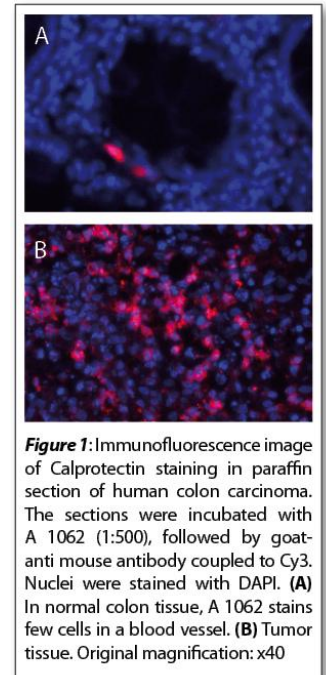


Figure 1: Immunofluorescence image of Calprotectin staining in paraffin section of human colon carcinoma. The sections were incubated with A 1062 (1:500), followed by goat-anti mouse antibody coupled to Cy3. Nuclei were stained with DAPI. **(A)** In normal colon tissue, A 1062 stains few cells in a blood vessel. **(B)** Tumor tissue. Original magnification: x40

For research use only

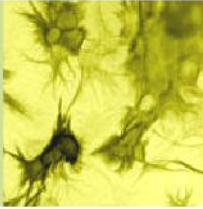
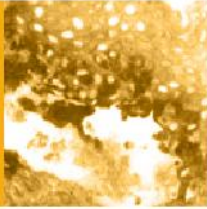


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Antibodies



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