

Datasheet for ABIN481653
anti-Calprotectin antibody (FITC)



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Overview

Quantity:	200 µg
Target:	Calprotectin (S100A8/A9)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Calprotectin antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Cultured human monocytes
Clone:	27E10
Specificity:	<p>The antigen is MRP8/14 (calprotectin), the epitope involves parts of both subunits MRP8 and MRP14. Antigen distribution: Isolated cells: Monocytes carry the antigen both on the surface and intracellularly, granulocytes exhibit it only intracellularly. Up to 80 % of monocytes in early cultures (24- 48h) are positive. No reaction has been seen with lymphocytes or platelets. Tissue sections: The antigen is found in macrophages in the red pulp of the spleen and liver. It is strongly expressed in macrophages from acute inflamed tissues (peridontitis, contact excema, urticaria, erythrodermia) where some endothelial and epidermal cells may also express this antigen. It is normally absent on resident mononuclear phagocytes in healthy tissues (skin, gut, thymus). Specificity: Human: subpopulation of macrophages, monocytes and granulocytes, peripheral blood monocytes carry the antigen extra- and intracellularly, neutrophils only intracellularly. Other: subpopulation of macrophages of rhesus monkey and bovine tissues. The</p>

Product Details

antibody does not react with swine tissues.

Purification: Affinity purified

Target Details

Target: Calprotectin (S100A8/A9)

Alternative Name: Calprotectin ([S100A8/A9 Products](#))

Pathways: [S100 Proteins](#)

Application Details

Application Notes: Usage: The applications listed have been tested for the unconjugated form of this product.
Other forms have not been tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS pH 7.2, 10 mg/mL BSA, 0.1 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Store at 4°C.