Datasheet for ABIN571374

anti-Cathelicidin antibody

8 Images

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Overview

Quantity:	100 µg
Target:	Cathelicidin (CAMP)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Cathelicidin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	A synthetic peptide from human Cathelicidin antimicrobial peptide (LL-37) conjugated to an immunogenic carrier protein has been used as the antigen.
Clone:	OSX12
Isotype:	IgG1 kappa
Specificity:	Specific for Cathelicidin antimicrobial peptide.
Cross-Reactivity:	Human
Cross-Reactivity (Details):	other species not yet tested.
Purification:	IgG

Target Details

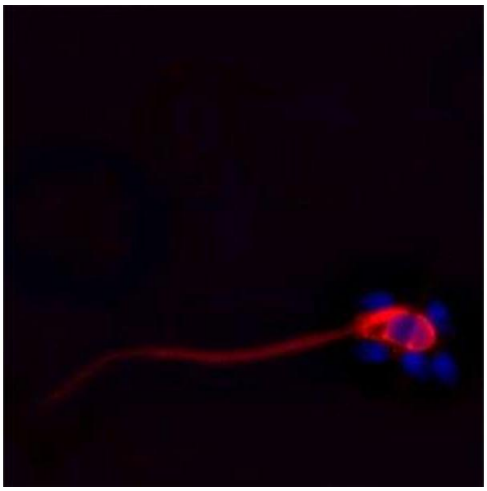
Target:	Cathelicidin (CAMP)
Alternative Name:	Cathelicidin (CAP-18, antibacterial protein LL-37, CAMP, CRAMP, FALL39) (CAMP Products)
Background:	Cathelicidin antimicrobial protein is an antimicrobial protein found in specific granules of polymorphonuclear leukocytes. FUNCTION: Binds to bacterial lipopolysaccharides (LPS), has antibacterial activity. SUBCELLULAR LOCATION: Secreted. TISSUE SPECIFICITY: Expressed in bone marrow and testis and neutrophils.,Human Cathelicidin,LL37, LL-37
UniProt:	P49913
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	IHC, IF, WB, flow cytometry. Use at a concentration of 5-10 µg,ml. The optimal concentration should be determined by the end user. Not yet tested in other applications.
Restrictions:	For Research Use only

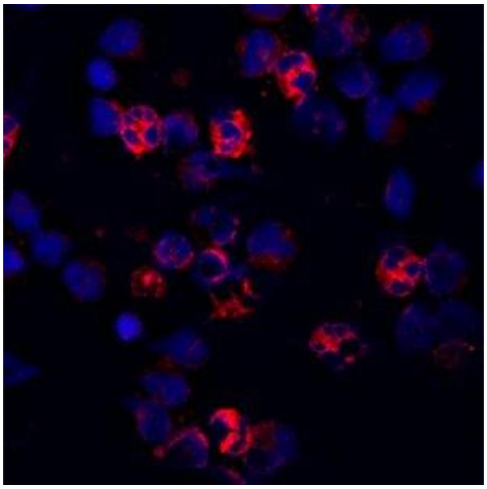
Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in 100 µL of sterile water. Centrifuge to remove any insoluble material.
Handling Advice:	Avoid freeze and thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.
Expiry Date:	12 months



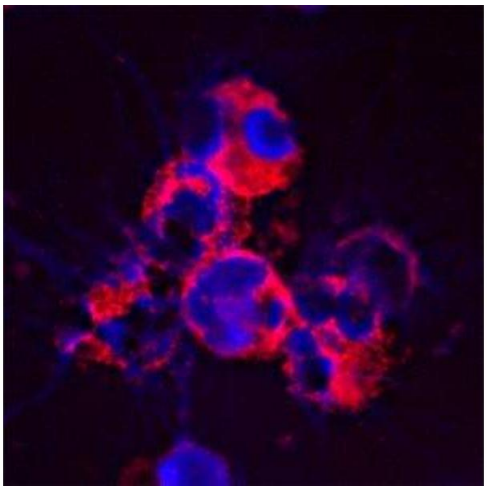
Immunofluorescence

Image 1. IF on ethanol-fixed human spermatosoid using Mouse monoclonal to Cathelicidin: OSX12 clone at a concentration of 10 µg/ml. DAPI counterstained appearing in blue.



Immunofluorescence

Image 2. Staining of a cytospin preparation of peripheral blood mononuclear cells (PBMC) isolated from buffycoat. Cells were left to air dry and then fixed with cold acetone (90 seconds) and blocked with PBS containing 1% FCS and 0.1% saponin (blocking buffer) for 20 minutes. Cells were then washed twice in PBS and incubated with Mouse monoclonal to Cathelicidin: OSX12 clone at a concentration of 10 µg/ml. DAPI counterstained appearing in blue. The antibody selectively recognizes polymorphonuclar cells.



Immunofluorescence

Image 3. Staining of a cytospin preparation of peripheral blood mononuclear cells (PBMC) isolated from buffycoat. Cells were left to air dry and then fixed with cold acetone (90 seconds) and blocked with PBS containing 1% FCS and 0.1% saponin (blocking buffer) for 20 minutes. Cells were then washed twice in PBS and incubated with Mouse monoclonal to Cathelicidin: OSX12 clone at a concentration of 10 µg/ml. DAPI counterstained appearing in blue. The antibody selectively recognizes polymorphonuclar cells.

Please check the product details page for more images. Overall 8 images are available for ABIN571374.