

Datasheet for ABIN2464024

anti-S100A6 antibody (truncated)



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2 Images

Overview

Quantity:	0.1 mg
Target:	S100A6
Binding Specificity:	truncated
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This S100A6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	GSTs Resin purified truncated recombinant calyculin expressed in E. Coli strain BL21 (DE3).
Clone:	7D11A8
Isotype:	IgG1
Purification:	Antibody is purified by protein A affinity chromatography.

Target Details

Target:	S100A6
Alternative Name:	Calyculin (S100A6 Products)
Background:	Calyculin encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a

Target Details

wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in stimulation of Ca²⁺-dependent insulin release, stimulation of prolactin secretion, and exocytosis. Chromosomal rearrangements and altered expression of this gene have been implicated in melanoma.

Gene ID:	27101
UniProt:	Q9HB71
Pathways:	S100 Proteins

Application Details

Application Notes:	Western Blot:Dilution 1:200 - 1:1,000 IHC(P):Dilution 1:100 - 1:500 IHC(F):Dilution 1:100 - 1:500 ELISA:Propose dilution 1:10,000. Determining optimal working dilutions by titration test.
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Restrictions:	For Research Use only
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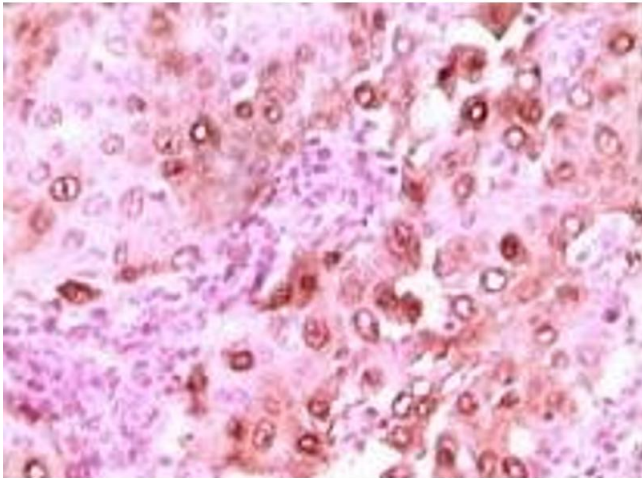
Handling

Buffer:	Purified antibody in PBS containing 0.03 % 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.
Handling Advice:	As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Storage:	-20 °C
Storage Comment:	Calcyclin monoclonal antibody can be stored at -20 °C, stable for one year.



Western Blotting

Image 1.



Immunohistochemistry

Image 2.