

Mouse Monoclonal Antibody to Calcyclin

Catalogue Number	sAP-0044
Target Molecule	<p>Name: Calcyclin</p> <p>Aliases: S100A6; 2A9; PRA; 5B10; CABP; CACY</p> <p>MW: N/A</p> <p>Entrez Gene ID: 27101</p>
Description	Calcyclin 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 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 Ca ²⁺ -dependent insulin release, stimulation of prolactin secretion, and exocytosis. Chromosomal rearrangements and altered expression of this gene have been implicated in melanoma.
Immunogen	Purified recombinant fragment of calcyclin expressed in E. Coli.
Reactive Species	Human
Clone	MM7D11;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Bean C.et.al J Mol Biol. 2005 Jun 3;349(2):349-66. ; 2. HWang R.et.al J Biol Chem. 2004 May 14;279(20):21239-47. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**