
Calcyclin (7D11) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252639

Unit: 0.1 mg

Description:

Calcyclin (S100A6) 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, involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. 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.

Isotype: Mouse IgG1

Applications: WB, IHC

Species Reactivity: H

Format: Each vial contains 0.1 mg IgG in PBS pH7.4 with 0.03% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Protein S100-A6; Calcyclin; Growth factor-inducible protein 2A9; MLN 4; Prolactin receptor-associated protein; PRA; S100 calcium-binding protein A6; CACY; S100A6

Accession No.: P06703

Antigen: Purified recombinant fragment of calcyclin expressed in *E. coli*.

Application Notes: WB: 1:500-1:2000; IHC: 1:200-1:1000

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.