







SERCA2 ATPase (DGR18385) Rabbit mAb

db12002 Package : 10μL 20μL 50μL 100μL

Product Name: SERCA2 ATPase (DGR18385) Rabbit mAb

Cat.No.: db12002

Synonyms: DD; DAR; ATP2B; SERCA2 **Application**: WB, IHC-P, ICC/IF, FC **Reactivity**: Human,Mouse,Rat

Host species: Rabbit

Background This gene encodes one of the SERCA Ca(2+)-ATPases, which are intracellular pumps located in

the sarcoplasmic or endoplasmic reticula of muscle cells. This enzyme catalyzes the hydrolysis of ATP coupled with the translocation of calcium from the cytosol into the sarcoplasmic reticulum lumen, and is involved in regulation of the contraction/relaxation cycle. Mutations in this gene cause Darier-White disease, also known as keratosis follicularis, an autosomal dominant skin disorder characterized by loss of adhesion between epidermal cells and abnormal keratinization. Alternative

splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct

20081

Immunogen A synthetic peptide of human SERCA2 ATPase

Gene ID 488

Swiss Prot P16615

Synonyms DD; DAR; ATP2B; SERCA2

Reactivity Human, Mouse, Rat

Application WB, IHC-P, ICC/IF, FC

Recommended dilution WB: 1:1000-1:5000

IHC-P: 1:50-1:100 ICC/IF: 1:100-1:200 FC: 1:100-1:1000

Calculated MW 115 kDa

Observed MW 115 kDa

Host species Rabbit

Clonality Monoclonal





Clonality No. DGR18385

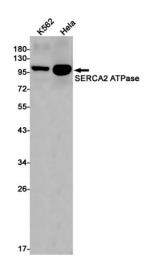
Isotype IgG

Purity Affinity Purification

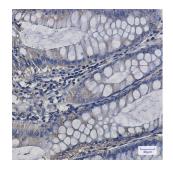
Conjugation Un-conjugated

Storage Stability Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

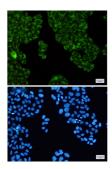
azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of SERCA2 ATPase in K562, Hela cell lysates using SERCA2 ATPase antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human colon cancer using db12002 antibody.



Immunofluorescent analysis of HeLa cells using db12002 antibody (green), and DAPI (blue).