

Product datasheet for **UM570108**

PDSS2 Mouse Monoclonal Antibody [Clone ID: UMAB177]

Product data:

| | |
|--------------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | UMAB177 |
| Applications: | 10k-ChIP, IHC, WB |
| Recommended Dilution: | IHC 1:100~200 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human PDSS2(NP_065114) produced in HEK293T cell. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 0.5~1.0 mg/ml (Lot Dependent) |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 43.9 kDa |
| Gene Name: | decaprenyl diphosphate synthase subunit 2 |
| Database Link: | NP_065114 Entrez Gene 71365 Mouse Entrez Gene 365592 Rat Entrez Gene 57107 Human Q86YH6 |
| Background: | The protein encoded by this gene is an enzyme that synthesizes the prenyl side-chain of coenzyme Q, or ubiquinone, one of the key elements in the respiratory chain. The gene product catalyzes the formation of all trans-polyprenyl pyrophosphates from isopentyl diphosphate in the assembly of polyisoprenoid side chains, the first step in coenzyme Q biosynthesis. Defects in this gene are a cause of coenzyme Q10 deficiency. [provided by RefSeq, Oct 2009] |

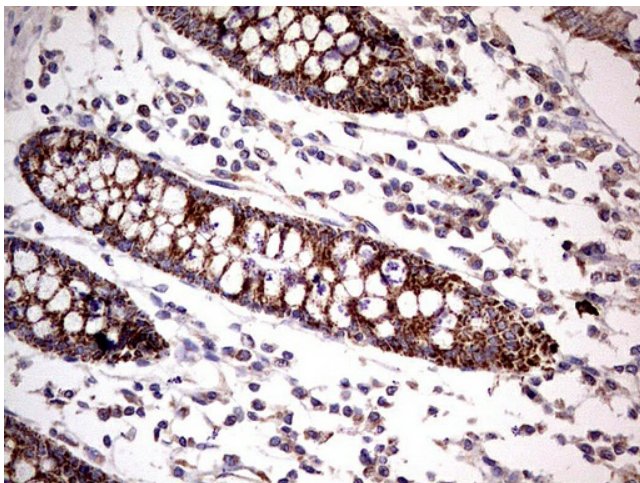


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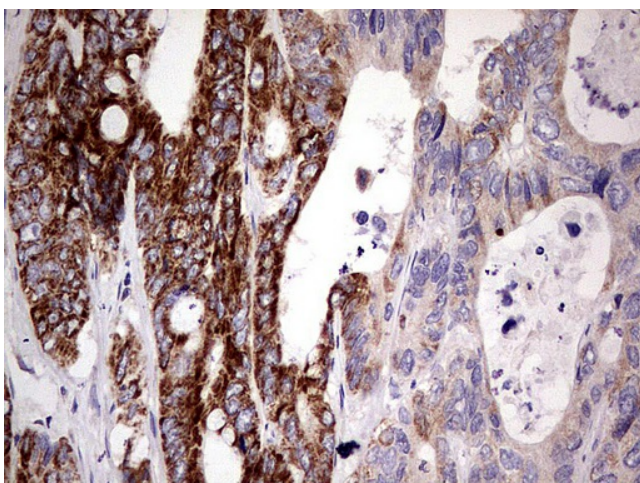
Synonyms: bA59I9.3; C6orf210; COQ10D3; DLP1; hDLP1

Protein Pathways: Terpenoid backbone biosynthesis

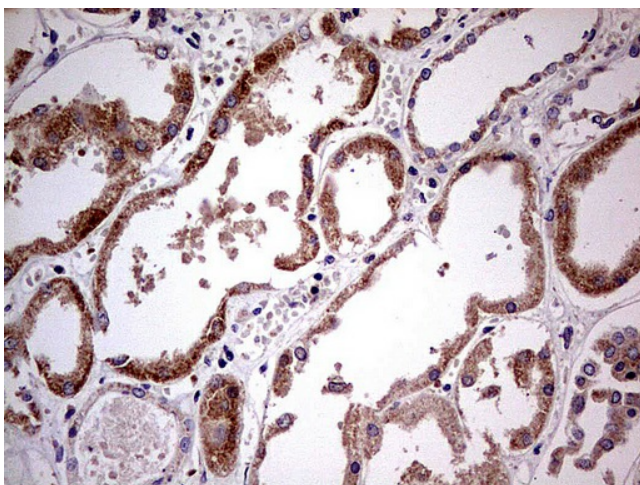
Product images:



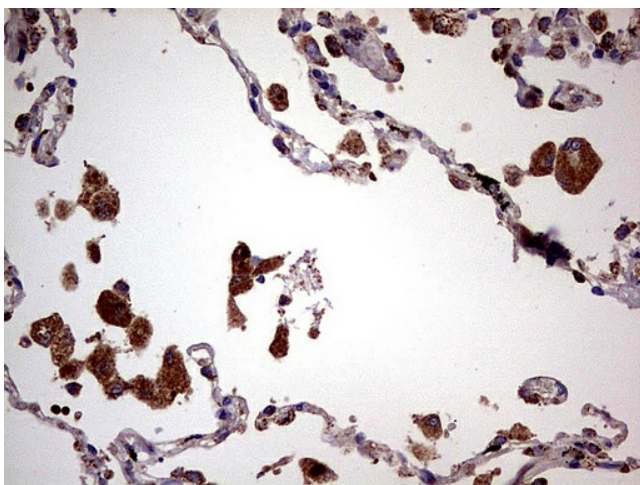
Immunohistochemical staining of paraffin-embedded Human colon tissue using anti-PDSS2 mouse monoclonal antibody. ([UM500108], heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



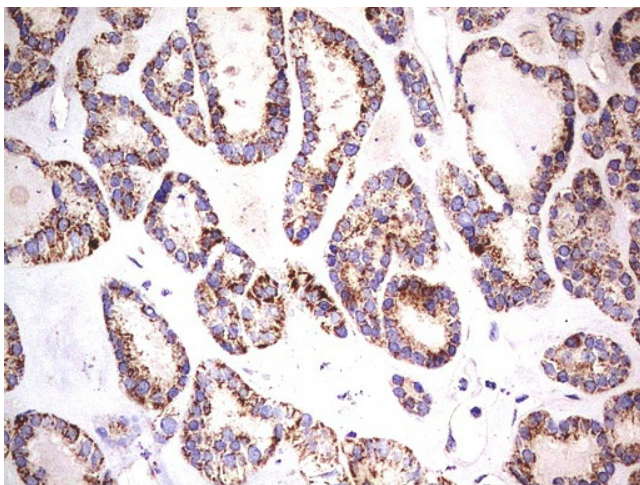
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-PDSS2 mouse monoclonal antibody. ([UM500108], heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



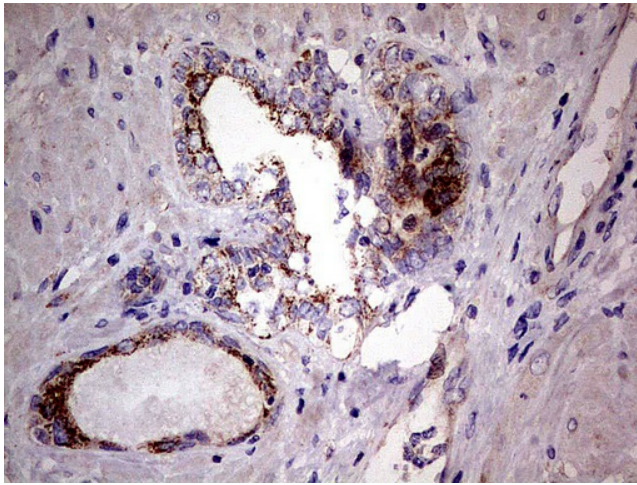
Immunohistochemical staining of paraffin-embedded Human Kidney tissue using anti-PDSS2 mouse monoclonal antibody. ([UM500108], heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



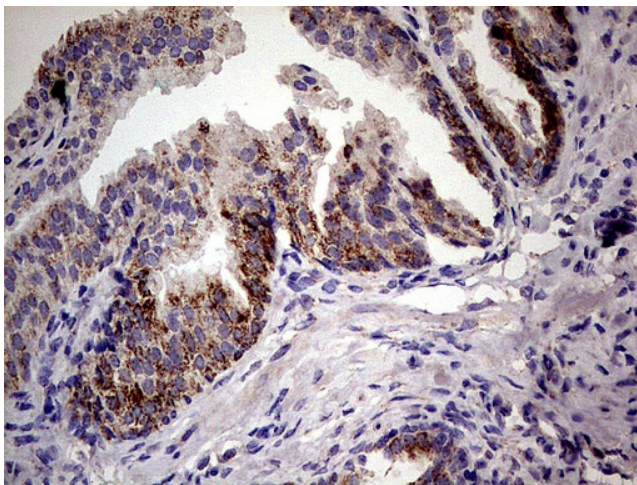
Immunohistochemical staining of paraffin-embedded Human lung tissue using anti-PDSS2 mouse monoclonal antibody. ([UM500108], heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



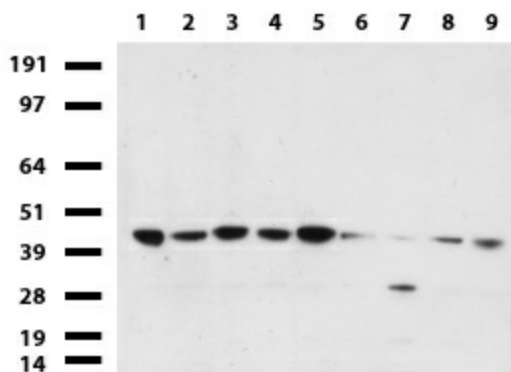
Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-PDSS2 mouse monoclonal antibody. ([UM500108], heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



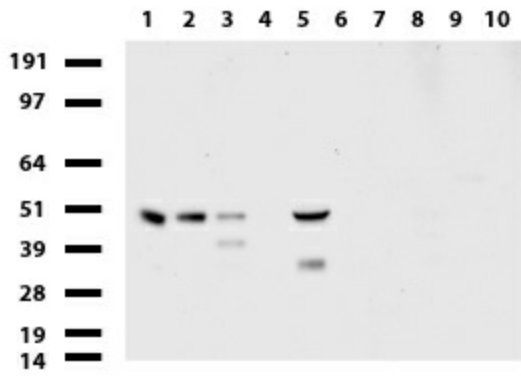
Immunohistochemical staining of paraffin-embedded Human prostate tissue using anti-PDSS2 mouse monoclonal antibody. ([UM500108], heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



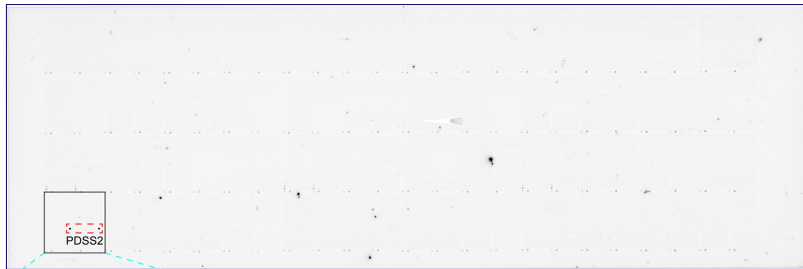
Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-PDSS2 mouse monoclonal antibody. ([UM500108], heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.0, 120°C for 3min)



Western blot of cell lysates (35ug) from 9 different cell lines (1: HepG2, 2: HeLa, 3: SV-T2, 4: A549, 5: COS7, 6: Jurkat, 7: MDCK, 8: PC-12, 9: MCF7).



Western blot of human tissue lysates (15ug) from 10 different tissues (1: Testis, 2: Omentum, 3: Uterus, 4: Breast, 5: Brain, 6: Liver, 7: Ovary, 8: Thyroid, 9: Colon, 10: Spleen). Dilution: 1:500.



OriGene overexpression protein microarray chip was immunostained with UltraMAB anti-PDSS2 mouse monoclonal antibody ([UM500108]). The positive reactive proteins are highlighted with two red arrows in the enlarged subarray. All the positive controls spotted in this subarray are also labeled for clarification.

