

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **MPP1 RABBIT PAB**

Cat.#: S219136

**Product Name:** Anti-MPP1 Rabbit Polyclonal Antibody **Synonyms:** MRG1; PEMP; AAG12; EMP55; DXS552E **UNIPROT ID:** Q00013 (Gene Accession - BC002392)

**Background:** This gene encodes the prototype of the membrane-associated guanylate kinase (MAGUK) family proteins. MAGUKs interact with the cytoskeleton and regulate cell proliferation, signaling pathways, and intercellular junctions. The encoded protein is an extensively palmitoylated membrane phosphoprotein containing a PDZ domain, a Src homology 3 (SH3) motif, and a guanylate kinase domain. This gene product interacts with various cytoskeletal proteins and cell junctional proteins in different tissue and cell types, and may be involved in the regulation of cell shape, hair cell development, neural patterning of the retina, and apico-basal polarity and tumor suppression pathways in non-erythroid cells. Multiple transcript variants encoding different isoforms have been found for this gene.

**Immunogen:** Fusion protein of human MPP1

**Applications:** ELISA, IHC

Recommended Dilutions: IHC: 50-300; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

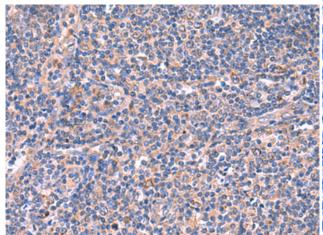
**Research Areas:** Signal Transduction, Cardiovascular

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

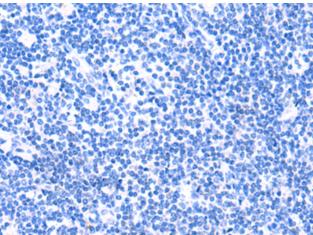


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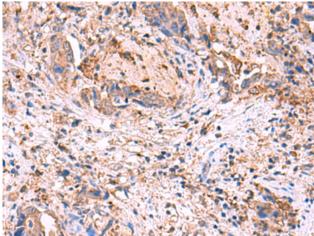
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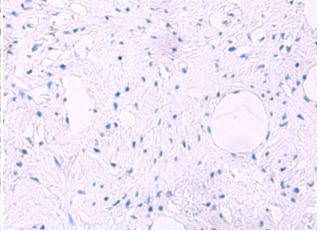
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 219136 (MPP1 Antibody) at a dilution of 1/50(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the fusion protein and then with 219136(Anti-MPPI Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffinembedded Human cervical cancer tissue using 219136(Anti-MPP1 Antibody) at a dilution protein and then with D225904(Anti-MPP1 of 1/50.



In comparision with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with fusion . Antibody) at dilution 1/50.