

## **Product datasheet for TA591028**

## OriGene Technologies, Inc.

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## **S100P Rabbit Monoclonal Antibody [Clone ID: OTIR1F12]**

## **Product data:**

**Product Type:** Primary Antibodies

Clone Name: OTIR1F12
Applications: SISCAPA
Reactivity: Human
Host: Rabbit
Isotype: IgG

Clonality: Monoclonal

**Immunogen:** Synthetic peptide (the amino acid sequence is considered to be commercially sensitive)

within Human S100P (NP\_005971). The exact sequence is proprietary.

**Formulation:** PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

**Concentration:** Lot dependent; please refer to CoA along with shipment

**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:** 10.2 kDa

**Gene Name:** S100 calcium binding protein P

Database Link: NP 005971

Entrez Gene 6286 Human

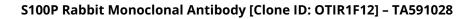
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Background: The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-

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; however, this gene is located at 4p16. This protein, in addition to binding Ca2+, also binds Zn2+ and Mg2+. This protein may play a role in the

etiology of prostate cancer. [provided by RefSeq, Jul 2008]







Synonyms: MIG9