

**bs-7873R****[ Primary Antibody ]**

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**S100 alpha 2 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:100-500)
<b>GeneID:</b> 6273	<b>SWISS:</b> P29034.3	<b>IHC-F</b> (1:100-500)
<b>Target:</b> S100 alpha 2		<b>IF</b> (1:100-500)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human S100 alpha 2: 20-98/98.		<b>ELISA</b> (1:5000-10000)
<b>Purification:</b> affinity purified by Protein A		<b>Reactivity:</b> (predicted: Human, Mouse, Rat, Pig, Cow, Dog, Cat, Horse, Goat, lizard)
<b>Concentration:</b> 1mg/ml		<b>Predicted MW.:</b> 11 kDa
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		<b>Subcellular Location:</b> Cytoplasm
<b>Background:</b> The protein encoded by this gene is a member of the S100family 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. This protein may have a tumor suppressor function. Chromosomal rearrangements and altered expression of this gene have been implicated in breast cancer.		

**— SELECTED CITATIONS —**

- **[IF=1.39]** Wu et al. A retrospective, single-center cohort study on 65 patients with primary retroperitoneal liposarcoma. (2018) Oncol.Lett. 15:1799-1810 IHC ;Human. 29434876