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## Product Information

<b>Product SKU:</b>	CAB12499	<b>Gene ID:</b>	6283	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human

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## Additional Information

<b>Observed MW:</b>	-	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	10kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

**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. This protein is proposed to be involved in specific calcium-dependent signal transduction pathways and its regulatory effect on cytoskeletal components may modulate various neutrophil activities. The protein includes an antimicrobial peptide which has antibacterial activity.

**Recommended Dilution:** IHC-P, 1:100 - 1:500

**Synonyms:** p6; CAGC; CGRP; MRP6; CAAF1; MRP-6; ENRAGE; S100A12

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 1-92 of human S100A12 (NP\_005612.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.