

**CAB5486**

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**Product Information**

<b>Product SKU:</b>	CAB5486	<b>Gene ID:</b>	6282	<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>	12kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	12kDa	<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 may function in motility, invasion, and tubulin polymerization. Chromosomal rearrangements and altered expression of this gene have been implicated in tumor metastasis.

**Recommended Dilution:** WB, 1:500 - 1:2000 IF/ICC, 1:50 - 1:200 IP, 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

**Synonyms:** MLN70; S100C; HEL-S-43; 11

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 1-105 of human S100A11 (NP\_005611.1).

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