



Rabbit Anti-S100A10 monoclonal antibody, clone KG1098 (CABT-L873)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	S100A10
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Clone	KG1098
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, IHC
Molecular Weight	11 kDa
Cellular Localization	Extracellular exosome.
Positive Control	Human lung tissue, human colon cancer tissue, human kidney tissue, human gastric carcinoma tissue, mouse colon tissue, mouse kidney tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

Preservative	0.05% Sodium Azide
Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	The S-100 family of calcium-activated proteins interact with a range of target proteins to modulate biological signaling pathways. Numerous cancer cell lines overexpress the plasminogen receptor S-100A10 on the extracellular cell surface, where it forms a heterotetrameric complex with Annexin II, though this association is not required for plasma membrane localization or binding and activation of plasminogen. Additionally, S-100A10 acts as a cellular chaperone for hepatitis B (Hep B) virus polymerase. Hep B virus polymerase normally localizes to the cytoplasm only, though in the presence of S-100A10 a portion relocates to the nucleus, implying a role for S-100A10 and intracellular calcium in the process of viral replication.
Keywords	42C;AA409961;AL024248;Annexin II ligand;Annexin II ligand, calpactin I, light polypeptide;Annexin II tetramer (Allt) p11 subunit;Annexin II, light chain;ANX2L;ANX2LG;Ca[1];CAL12;CAL1L;Calpactin I light chain;Calpactin I, p11 subunit;Calpactin-1 light chain;Cellular ligand of annexin II;CLP11;GP11;MGC111133;Nerve growth factor-induced protein 42C;OTTHUMP00000015269;OTTHUMP00000015270;p10;p10 protein;p11;Protein S100 A10;Protein S100-A10;S100 calcium binding protein A10 (annexin II ligand, calpactin I, light polypeptide (p11));S100 calcium binding protein A10 (calpactin);S100 calcium binding protein A10;S100 calcium-binding protein A10;S100a10;S10AA_HUMAN antibody