



# Rabbit Anti-HSPA14 monoclonal antibody, clone TE19-59 (CABT-L810)

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

## PRODUCT INFORMATION

Target	HSPA14
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TE19-59
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, IP
Molecular Weight	55 kDa
Cellular Localization	Cytoplasm.
Positive Control	K562, COS-1, 293, 293T, RH-35, rat kidney tissue, human kidney 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.
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# BACKGROUND

Introduction	The heat shock proteins (HSPs) comprise a group of highly conserved, abundantly expressed proteins with diverse functions, including the assembly and sequestering of multi-protein complexes, the transportation of nascent poly-peptide chains across cellular membranes and the regulation of protein folding. HSPA14 (heat shock 70kDa protein 14), also known as HSP70-4 or HSP70L1, is a 509 amino acid novel HSP protein derived from human dendritic cells. Belonging to the heat shock protein 70 family, HSPA14 is thought to promote dendritic cell maturation. It is also suggested that HSPA14 stimulates secretion of the proinflammatory cytokines interleukin 12p70 (IL-12p70), IL-1β, TNFα, and the chemokines IP-10, MIP-1α, MIP-1β, and normal T cell expressed and secreted (RANTES).
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Keywords	Heat shock 70 kDa protein 14;Heat shock 70kDa protein 14;Heat shock protein HSP60;Heat shock protein hsp70 related protein;HSP60;HSP70 4;HSP70 like protein 1;HSP70-like protein 1;HSP70L1;HSP7E_HUMAN;HSPA 14;HSPA14;MGC131990 antibody
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