

Mouse anti-E Coli DnaK Monoclonal Antibody | anti-Hsp70 antibody

DnaK (E Coli) monoclonal antibody (8E2/2)

CATALOG # AAA76986	HOST Mouse	REACTIVITY E Coli	APPLICATIONS Western Blot
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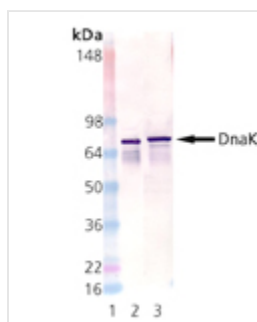
PRODUCT SYNONYMS

DnaK; Monoclonal Antibody; DnaK (E Coli) monoclonal antibody (8E2/2); anti-Hsp70 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	E Coli
Clonality	Monoclonal
Isotype	IgG1
Clone Number	8E2/2
Specificity	Recognizes bacteria DnaK.
Purity/Purification	Protein G affinity purified.
Form/Format	Liquid. In PBS, pH 7.2, containing 50% glycerol and 0.09% sodium azide.
Sequence Length	638
Applicable Applications for anti-Hsp70 antibody	WB (Western Blot)
Immunogen	E Coli DnaK.
Preparation and Storage	Ships on blue ice. Long term storage: -20°C Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis: Lane 1: MW Marker, Lane 2: DnaK active recombinant protein, Lane 3: E Coli cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-Hsp70 antibody	DnaK possesses an autophosphorylation activity and a weak 5-nucleotidase activity, cleaving the 5 phosphate groups from both ribose and deoxyribose nucleotides. The role of DnaK in ATP-dependent protein-protein interactions has been extended to normal E Coli physiology, where, like eukaryotic Hsp70 homologs, it is thought to participate in the assembly/disassembly of protein complexes.
Product Categories/Family for anti-Hsp70 antibody	Protein Synthesis & Folding

NCBI AND UNIPROT INFORMATION

NCBI GI #	67462334
UniProt Accession #	P0A6Y8; P04475
NCBI Official Full Name	Chaperone protein DnaK
NCBI Official Symbol	dnaK
NCBI Official Synonym Symbols	ECK0014; groPAB; groPC; groPF; grpC; grpF; JW0013; seg
NCBI Protein Information	chaperone Hsp70, with co-chaperone DnaJ
UniProt Protein Name	Chaperone protein DnaK
UniProt Gene Name	dnaK
UniProt Synonym Gene Names	groP; grpF; seg
UniProt Entry Name	DNAK_ECOLI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/dnak-antibody-clone-8e2-2-western-blot-elisa/76986>