



# Anti-MAGEA1 polyclonal antibody (DPAB1969RE)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit anti-E.coli heat shock protein 70 polyclonal antibody is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staini
<b>Antigen Description</b>	The 70 kilodalton heat shock proteins (Hsp70s) are a family of ubiquitously expressed heat shock proteins. Proteins with similar structure exist in virtually all living organisms. The Hsp70s are an important part of the cell's machinery for protein folding, and help to protect cells from stress.
<b>Specificity</b>	This antibody reacts with the two major human HSP 70s (HSP 72 and HSP 73). It stains epithelial cells in many different tissues e.g. tonsil, stomach, small and large intestine, bile ducts, ovary, and prostate.
<b>Immunogen</b>	Purified heat shock protein (Dnak) from E. coli.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Bacteria
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC
<b>Cellular Localization</b>	Cytoplasmic, nuclear
<b>Positive Control</b>	Breast carcinoma
<b>Format</b>	Whole rabbit antiserum against human HSP 70 containing sodium azide as a preservative.

<b>Preservative</b>	None
<b>Storage</b>	Store at 2-8°C. Do not use beyond the expiration date stated on the label.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">dnaK chaperone Hsp70, co-chaperone with DnaJ [ Escherichia coli str. K-12 substr. MG1655 ]</a>
<b>Synonyms</b>	dnaK; chaperone Hsp70, co-chaperone with DnaJ; ECK0014; groPAB; groPC; groPF; grpC; grpF; JW0013; seg; chaperone Hsp70; DNA biosynthesis; autoregulated heat shock proteins; NP_414555.1
<b>Entrez Gene ID</b>	<a href="#">944750</a>
<b>Protein Refseq</b>	<a href="#">NP_414555</a>
<b>UniProt ID</b>	<a href="#">P0A6Y8</a>
<b>Pathway</b>	RNA degradation