

## Product datasheet for **DM3097S**

### HSP70-1A (HSPA1A) Mouse Monoclonal Antibody [Clone ID: W27]

#### Product data:

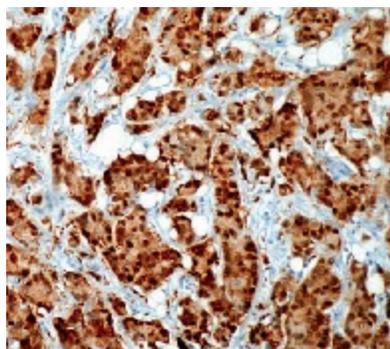
Product Type:	Primary Antibodies
Clone Name:	W27
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on formalin-fixed paraffin embedded sections: diluted of 1:25-1:100 in an ABC method (30-60 minutes at room temperature) Recommended Positive Control: Breast carcinoma
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	BALB/C mice were injected with purified HSP70 protein.
Specificity:	This antibody is specific to constitutive (HSP73) and inducible (HSP72) form of HSP70. Cellular Localization: Cytoplasmic and nuclear
Formulation:	10 mM citrate buffer, pH 6.0 - containing sodium azide as preservative. State: Supernatant State: Liquid Ig fraction
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	heat shock protein family A (Hsp70) member 1A
Database Link:	<a href="#">Entrez Gene 3303 Human</a> <a href="#">P0DMV8</a>
Background:	HSP70 is found to be associated with steroid receptors, actin, p53, polyoma T antigen, nucleotides and other known proteins. HSP70 has been shown to be involved in protective role against thermal stress, cytotoxic drugs and other damaging conditions.
Synonyms:	HSP70.1, HSP70-1/HSP70-2, HSPA1A, HSPA1B, HSPA1



[View online »](#)

**Protein Pathways:** Antigen processing and presentation, Endocytosis, MAPK signaling pathway, Prion diseases, Spliceosome

**Product images:**



Formalin fixed paraffin embedded human breast carcinoma stained with Heat shock protein 70 antibody. DM3097S