

### 35-1574: Polyclonal Antibody to HSP27 (Ab-78)

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB,IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	HSPB1
<b>Gene ID :</b>	3315
<b>Uniprot ID :</b>	P04792
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Heat shock 27 kDa protein, HSP 27, Stress-responsive protein 27
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Peptide sequence around aa.76~80 (A-L-S-R-Q) derived from Human HSP27.

#### Description

Involved in stress resistance and actin organization.

#### Product Info

<b>Amount :</b>	50 $\mu$ l / 100 $\mu$ l
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

#### Application Note

Predicted MW: 27kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100

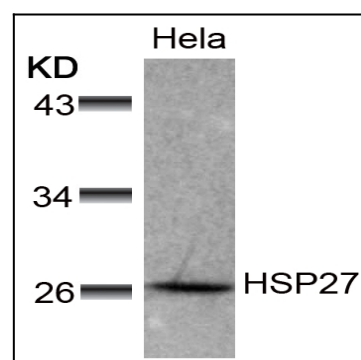


Figure 1: Western blot analysis of extracts from HeLa cells using HSP27(Ab-78) Antibody 35-1574 .

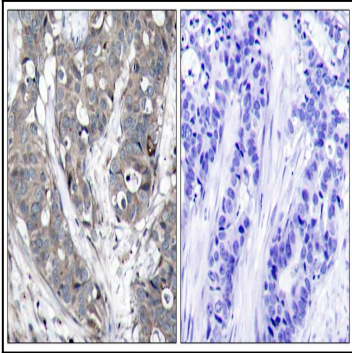


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HSP27(Ab-78) Antibody 35-1574 (left) or the same antibody preincubated with blocking peptide(right).