

## HSP27 Monoclonal Antibody

Cat #: ABM0064

Size: 100μl

### Product Information

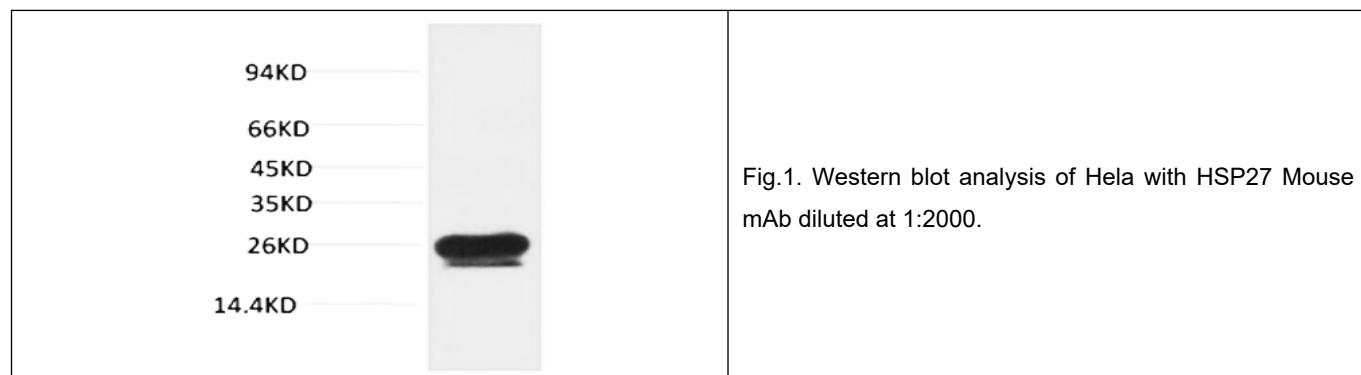
	<b>Product Name:</b> HSP27 Monoclonal Antibody		
	<b>Applications:</b> WB, IHC-P		<b>Isotype:</b> Mouse IgG1
	<b>Reactivity:</b> Human		
<b>REF</b>	<b>Catalog Number:</b> ABM0064	<b>LOT</b>	<b>Lot Number:</b> Refer to product label
	<b>Formulation:</b> Liquid		<b>Concentration:</b> 1 mg/ml
	<b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles.		<b>Note:</b> Contain sodium azide.

**Background:** The protein encoded by HSPB1 (heat shock protein family B (small) member 1) is induced by environmental stress and developmental changes. The encoded protein is involved in stress resistance and actin organization and translocates from the cytoplasm to the nucleus upon stress induction. Defects in HSPB1 are a cause of Charcot-Marie-Tooth disease type 2F (CMT2F) and distal hereditary motor neuropathy (dHMN).

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:1000-1:3000), IHC-P (1:50-1:200).

**Storage Buffer:** PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.



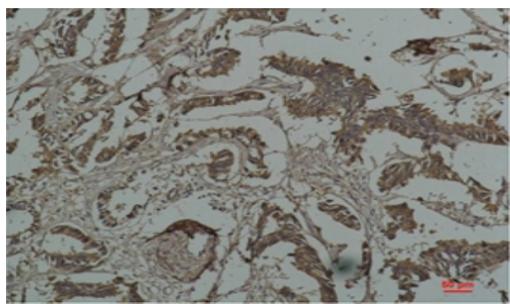


Fig.2. Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using HSP27Mouse mAb diluted at 1:200.

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