

Mouse monoclonal antibody to Heat Shock Protein 25 [SJ-25]: IgG

Catalogue No.:	M-1177-100
Description:	Heat shock protein 25 (HSP25) belongs to the small heat shock protein (HSP20) family. HSP25 is expressed in response to heat shock.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Partially purified inhibitor of actin polymerization (IAP) protein from Turkey Gizzard smooth muscle
Clone:	SJ-25
Other Names:	Heat shock 25kDa protein 1; HSP25;
Accession:	Q6BDR9 Q6BDR9_CHICK;
Produced in:	Mouse
Purity:	IgG
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 0.5-2.0 ug/mL is recommended for WB. Chicken HSP25 has a predicted length of 172 residues and MW of 19 kDa. A concentration of 1.0-2.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues. Heat mediated antigen retrieval is required. A concentration of 1.0-2.0 ug/mL is recommended to detect HSP25 in formalin/acetone fixed frozen tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human;
Form:	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN ₃
Reconstitution:	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles
Expiry Date:	12 months after purchase

FOR RESEARCH USE ONLY