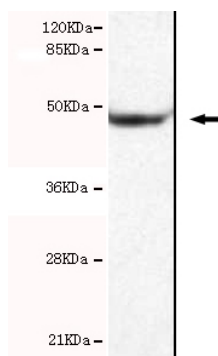




## HSPA5 Antibody

**E220050**

<b>Catalog Number</b>	E220050-1, E220050-2
<b>Amount</b>	50µg/50µl, 100µg/100µl
<b>Description</b>	Mouse monoclonal to HSPA5
<b>GeneBank ID</b>	NM_005354.2
<b>Immunogen</b>	Recombinant fragment of Human HSPA5 (C-terminus).
<b>Reacts with</b>	Hu
<b>Tested applications</b>	Recommended dilutions. ELISA: 1/5000 - 1/20000. WB: 1/100-1/2000.
<b>Cellular localization</b>	Endoplasmic reticulum.
<b>Relevance</b>	The 78 kDa glucose regulated protein/BiP (GRP78) belongs to the family of ~70 kDa heat shock proteins (HSP 70). GRP78 is a resident protein of the endoplasmic reticulum (ER) and may associate transiently with a variety of newly synthesized secretory and membrane proteins or permanently with mutant or defective proteins that are incorrectly folded, thus preventing their export from the ER lumen. GRP78 is a highly conserved protein that is essential for cell viability.
<b>Purity</b>	Protein G-Sepharose affinity purified.
<b>Storage buffer</b>	Preservative: 0.02% Sodium Azide and 50% glycerol, 1% BSA, PBS, pH7.4.
<b>Form</b>	Liquid
<b>Storage instructions</b>	Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.



HSPA5 antibody (E220050) at 1/2000 dilution interacts with recombinant HSPA5 protein with a DsbA tag. Predicted band size: 48kDa. Observed band size: 48kDa.

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