

## HSPA5

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF IP FC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100 IP 1:20 - 1:50  
FC 1:20 - 1:50

**Calculated MW:**78kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human HSPA5

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

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**Synonym:**

BIP; MIF2; GRP78;

**Catalog #:**A0413

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**3309

**Isotype:**IgG

**Swiss Prot:**P11021

**Purity:**Affinity purification

For research use only.

**Background:**

GRP78 (HSPA5), also referred to as 'immunoglobulin heavy chain-binding protein' (BiP), is a member of the heat-shock protein-70 (HSP70) family and is involved in the folding and assembly of proteins in the endoplasmic reticulum (ER). It is a constitutively expressed resident protein of the ER in all eukaryotic cells. Recently it has been reported that GRP78 is associated with apoptosis or inhibition of cancer cell growth.

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