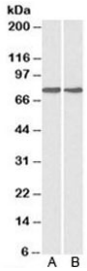
GRP78 Antibody / BiP / HSPA5 (R36416)

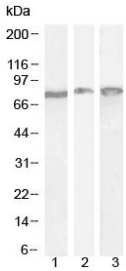
Catalog No.	Formulation	Size
R36416-100UG	0.5 mg/ml in 1X TBS, pH7.3, with 0.5% BSA (US sourced) and 0.02% sodium azide	100 ug

Bulk quote request

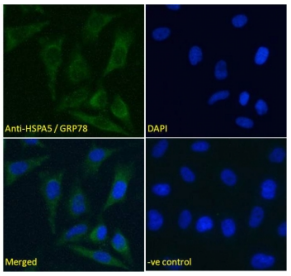
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Goat
Clonality	Polyclonal (goat origin)
Isotype	Goat Ig
Purity	Antigen affinity
Gene ID	3309
Applications	Western blot: 1-3ug/ml IF/ICC: 5ug/ml IHC (FFPE): 5ug/ml ELISA (peptide) LOD: 1:16000
Limitations	This GRP78 antibody is available for research use only.



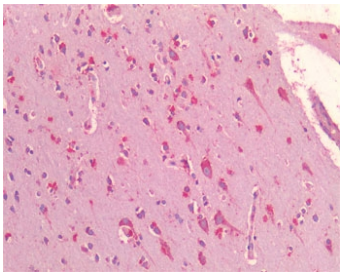
Western blot testing of A) HepG2 and B) MCF7 cell lysate with GRP78 antibody at 0.1ug/ml. Predicted molecular weight: ~73 kDa, but routinely observed at 70-78 kDa.



Western blot testing of 1) mouse liver and 2) mouse testis lysate with GRP78 antibody at 0.3ug/ml and 3) rat brain lysate with GRP78 antibody at 0.5ug/ml. Expected molecular weight: 70-78 kDa.



IF/ICC testing of fixed and permeabilized human HeLa cells with GRP78 antibody (green) at 5ug/ml and DAPI nuclear stain (blue).



IHC testing of FFPE human cortex tissue with GRP78 antibody at 5ug/ml. Required HIER: steamed antigen retrieval with pH6 citrate buffer; AP-staining.

Description

Additional name(s) for this target protein: HSPA5; Heat shock 70kDa protein 5; glucose-regulated protein 78

For additional antibodies targeting HSPA5, including products validated across multiple species and applications, visit our GRP78 Antibody page for endoplasmic reticulum stress and protein-folding research.

Application Notes

Optimal dilution of the GRP78 antibody should be determined by the researcher.

Immunogen

Amino acids ESHQDADIEDFK were used as the immunogen for this GRP78 antibody.

Storage

Aliquot and store the GRP78 antibody at -20oC.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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