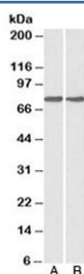


## GRP78 Antibody / BiP / HSPA5 (R36416)

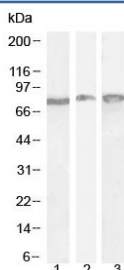
| Catalog No.  | Formulation   | Size   |
|--------------|---|--------|
| R36416-100UG | 0.5 mg/ml in 1X TBS, pH7.3, with 0.5% BSA (US sourced) and 0.02% sodium azide | 100 ug |

[Bulk quote request](#)

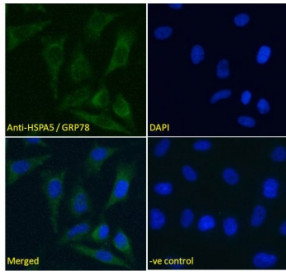
|                           |  |
|---------------------------|--|
| <b>Availability</b>       | 1-3 business days  |
| <b>Species Reactivity</b> | Human, Mouse, Rat  |
| <b>Format</b>             | Antigen affinity purified  |
| <b>Host</b>               | Goat   |
| <b>Clonality</b>          | Polyclonal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



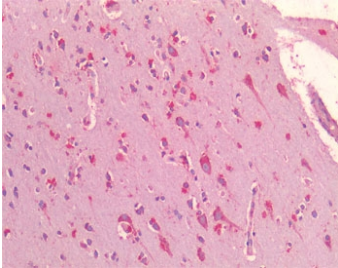
Western blot testing of A) HepG2 and B) MCF7 cell lysate with GRP78 antibody at 0.1ug/ml. Predicted molecular weight: ~73 kDa, but routinely observed at 70-78 kDa.



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

## 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.