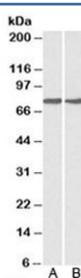


GRP78 Antibody / BiP / HSPA5 (R36416)

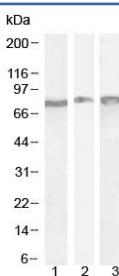
| Catalog No. | Formulation | Size |
|--------------|---|--------|
| R36416-100UG | 0.5 mg/ml in 1X TBS, pH7.3, with 0.5% BSA (US sourced) and 0.02% sodium azide | 100 ug |

[Bulk quote request](#)

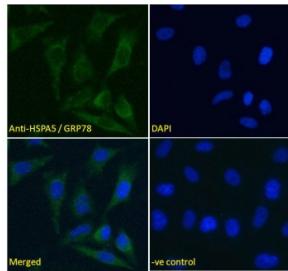
| | |
|--------------------|--|
| Availability | 1-3 business days |
| Species Reactivity | Human, Mouse, Rat |
| Format | Antigen affinity purified |
| Host | Goat |
| Clonality | Polyclonal (goat origin) |
| Isotype | Goat Ig |
| Purity | Antigen affinity |
| Gene ID | 3309 |
| Applications | Western 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. |



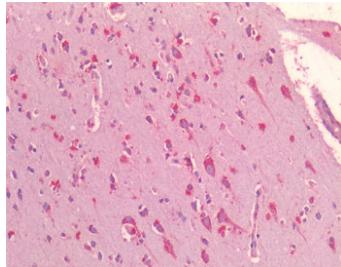
Western blot testing of A) HepG2 and B) MCF7 cell lysate with GRP78 antibody at 0.1ug/ml. Predicted molecular weight: ~73 kDa, but routinely observed at 70-78 kDa.



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

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.