

Anti- GRP78 Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A300087-01	50 µl
A300087-02	100 µl

Specificity	Anti- GRP78 (human mouse rat)
Source	Rabbit Polyclonal
Application	WB ELISA IHC IF
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: P11021

Other Names: BIP, GLUCOSE-REGULATED PROTEIN 78-KD, HEAT-SHOCK 70-KD PROTEIN 5, IMMUNOGLOBULIN HEAVY CHAIN-BINDING PROTEIN, heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa)

Specificity and Sensitivity

GRP78 antibody detects endogenous levels of total GRP78 protein.

Source and Purification

The antiserum was produced against synthesized peptide derived from human GRP78.

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 ELISA: 1:5000
IHC: 1:50~1:100 IF: 1:100~1:500

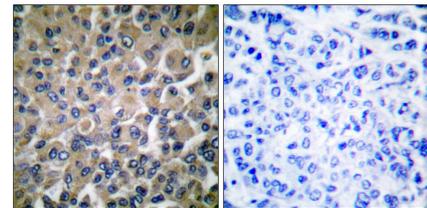
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

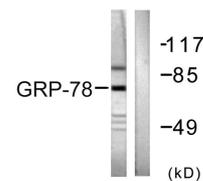
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



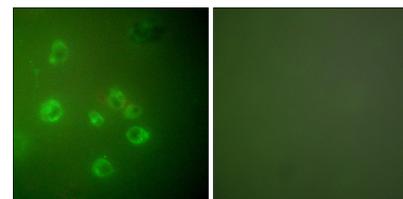
Peptide - +

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using GRP78 antibody.



Peptide - +

Western blot analysis of extracts from COS7 cells, using GRP78 antibody.



Peptide - +

Immunofluorescence analysis of COS7 cells, using GRP78 antibody.

Related Products

PW001: Super ECL Assay kit
E030120 : HRP, Goat Anti-Rabbit IgG(H+L)
E032221: Dylight 488, Donkey Anti-Rabbit IgG(H+L)
E021010: Anti-GAPDH Mouse Monoclonal Antibody
E021020: Anti-beta Actin Mouse Monoclonal Antibody
E022330: Anti-His Tag Mouse Monoclonal Antibody-HRP