

GRP78/BiP Rabbit mAb (AR1182)

Key Features

| | |
|---------------|--------------------------------------|
| Host Species: | Rabbit |
| Reactivity: | Human,Mouse,Rat |
| Applications: | WB,IHC,IF,ELISA |
| Isotype: | IgG,Kappa |
| MW: | 72kD (Calculated) 78kD (Observed) |

Recommended Dilution Ratios

| | |
|--------|--------------|
| IHC: | 1:200-1000 |
| WB: | 1:1000-5000 |
| IF: | 1:200-1000 |
| ELISA: | 1:5000-20000 |

| | |
|---------|---|
| Storage | -15°C to -25°C/1 year (Do not lower than -25°C) |
|---------|---|

Basic Information

| | |
|-----------|------------|
| Clonality | Monoclonal |
|-----------|------------|

Immunogen Information

| | |
|-------------|------------|
| Specificity | Endogenous |
|-------------|------------|

Target Information

| | |
|-----------|-------------|
| Gene name | HSPA5 GRP78 |
|-----------|-------------|

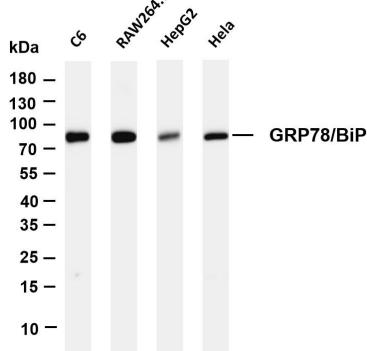
| | |
|--------------|-----------|
| Protein Name | GRP78 BiP |
|--------------|-----------|

| Organism | Gene ID | UniProt ID |
|----------|---------|------------|
| Human | 3309 | P11021 |
| Mouse | 14828 | P20029 |
| Rat | | P06761 |

| | |
|-----------------------|-----------|
| Cellular Localization | Cytoplasm |
|-----------------------|-----------|

| | |
|--------------------|--|
| Tissue specificity | Articular cartilage, Brain, Cajal-Retzius cell, Cervix carcino |
|--------------------|--|

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-GRP78/BiP antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Lane 1: C6

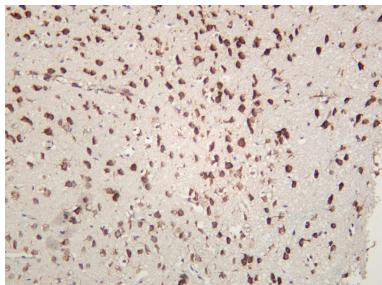
Lane 2: RAW264.7

Lane 3: HepG2

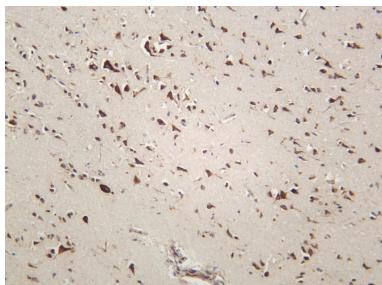
Lane 4: Hela

Predicted band size: 72kDa

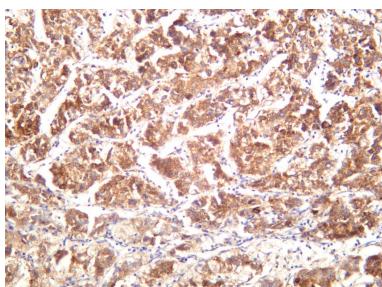
Observed band size: 78kDa



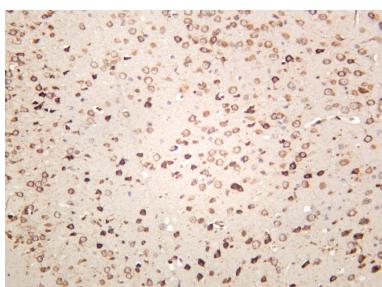
Rat brain was stained with anti-GRP78/BiP rabbit antibody



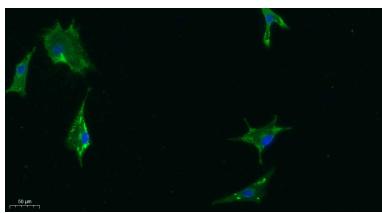
Human brain was stained with anti-GRP78/BiP rabbit antibody



Human hepatocellular carcinoma was stained with anti-GRP78/BiP rabbit antibody



Mouse brain was stained with anti-GRP78/BiP rabbit antibody



Immunofluorescence analysis of A549.

1. primary Antibody was diluted at 1:200(4°C overnight).
2. Goat Anti Rabbit IgG (H&L) - Alexa Fluor 488 Secondary antibody was diluted at 1:1000(room temperature, 50min).
3. DAPI (blue) 10min.

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