

GRP78/BiP Rabbit mAb (AR1182)

Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,IP,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
IP:	1:50-200

Storage

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

Basic Information

Clonality	Monoclonal
-----------	------------

Immunogen Information

Specificity	Endogenous
-------------	------------

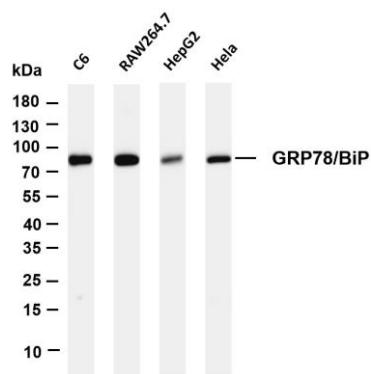
Target Information

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

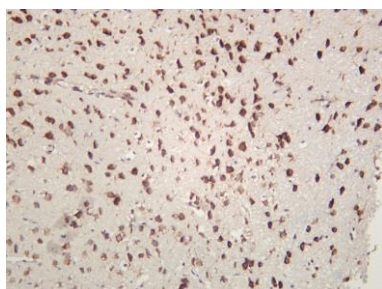
Lane 2: RAW264.7

Lane 3: HepG2

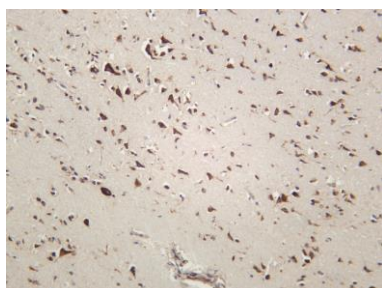
Lane 4: Hela

Predicted band size: 72kDa

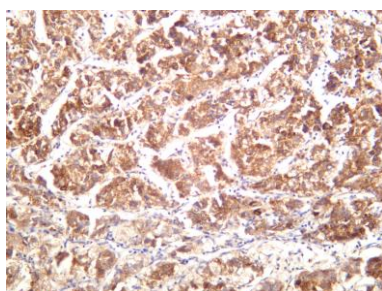
Observed band size: 78kDa



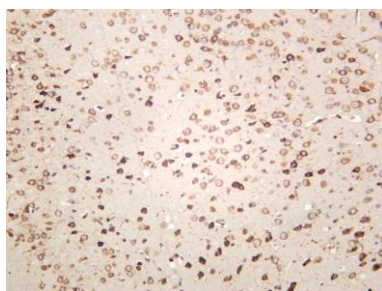
Rat brain was stained with anti-GRP78/BiP rabbit antibody



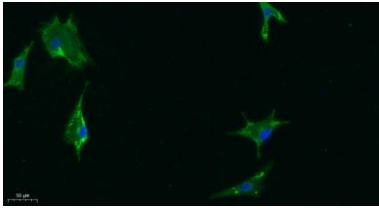
Human brain was stained with anti-GRP78/BiP rabbit antibody



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.

For Research Use Only