GRP78 Polyclonal Antibody

E14-14

Background: Glucose-regulated protein 78 (GRP78), also known as immunoglobulin heavy chain binding protein (BiP) or heat shock protein A5 (HSPA5), is one of the most important chaperons located on endoplasmic reticulum and a member of heat shock protein 70 family. GRP78 expresses conservatively among a wide variety of biological species, and acts as a central regulator in endoplasmic reticulum (ER) functions, involving in ER protein folding and assembly process, and maintaining ER Ca2+ homeostasis, unfolded protein response and specific anti-apoptosis.

Catalog Number: E14-14

Amount: 100μg/100μl

Immunogen: Recombinant human GRP78 (rh-GRP78)，C-terminal of GRP78

Purification: Purified by protein A column

Storage: Store at -20°C upon arrival for one year. Avoid repeated freeze-thaw cycles.

Formulation: Each vial at least contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of 0.01 M PBS, PH7.4, 1 mg/ml BSA, 20 % glycerol, 0.01 % (w/v) NaN3

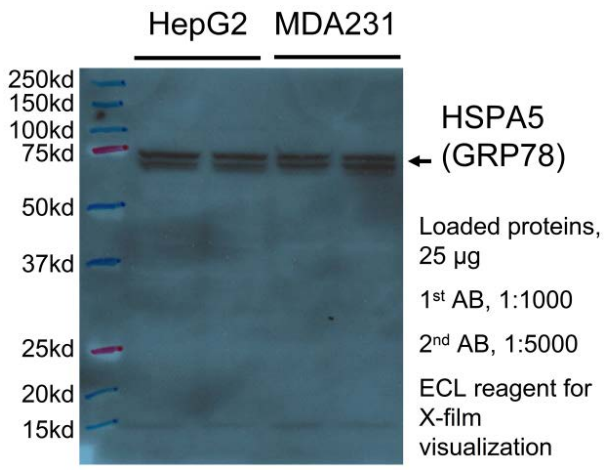
Limitation: For research use only and are not intended for diagnostic or therapeutic use.

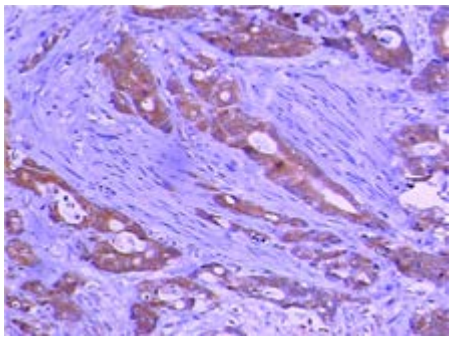
Isotope: Rabbit IgG

Species Reactivities: Human, mouse, rat, pig

Tested Applications: ELISA, WB, IHC, ICC Other applications have not been tested.

Application notes: WB: 1:500-5000 IHC, ICC: 1:50-250





IHC of human colon cancer tissue (Stage IIIA, ×100)

1st AB: E14-14, 1:250

2nd AB: ChemMateTMEnVision＋/HRP

Brown: GRP78

Blue: nuclear staining with hematoxylin

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