

Anti-ORP150/HYOU1/HSP12A (Grp170) antibody



Catalog Number: 103934

Product name

Anti-ORP150/HYOU1/HSP12A (Grp170) antibody

Immunogen

[Human ORP150/HYOU1/HSP12A \(Grp170\) \(His Tag\) recombinant protein](#)

Specificity

Human ORP150 / HYOU1 / HSP12A
No cross-reactivity in ELISA with Human Fetuin A

Antibody description

Rabbit monoclonal to ORP150/HYOU1/HSP12A (Grp170)

Preparation

This antibody was obtained from a rabbit immunized with purified, recombinant Human ORP150 / HYOU1 / HSP12A (rh ORP150 / HYOU1 / HSP12A; NP_001124463.1; Met 695-Leu 994).

Formulation

0.2 µm filtered solution in PBS with 5% trehalose

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Monoclonal

Ig Type

Rabbit IgG

Applications

ELISA, WB, IHC-P, IP

Dilutions

WB: 5-10 µg/ml

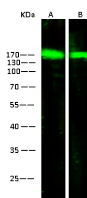
ELISA: 0.1-0.2 µg/mL

This antibody can be used at 0.1-0.2 µg/mL with the appropriate secondary reagents to detect Human HSP12A. The detection limit for Human HSP12A is approximately 0.0195 ng/well.

IHC-P: 1-10 µg/mL

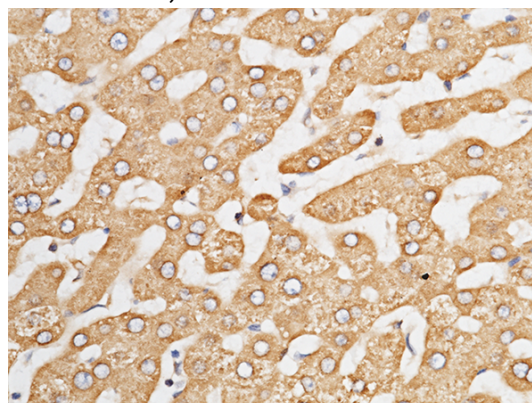
IP: 1-4 µg/mg of lysate

Validations



Lanes	A	B
Items		
Sample (chronic cell lysate)	293T	Hela
Sample Volume (µg/lane)	30	30
Gel	13% SDS-PAGE reducing gel	
Recommended Concentration	5-10 µg/ml	
Secondary Antibody	Dylight 800-labeled Antibody To Rabbit IgG (H+L) at 1:5000 dilution.	
Developed using Odyssey imaging system.		
Explanation	Predicted band size : 111 kDa Observed band size : 170 kDa	

ORP150 / ORP150 / HYOU1 / HSP12A Antibody, Rabbit MAb, Western blot



ORP150 / ORP150 / HYOU1 / HSP12A Antibody,

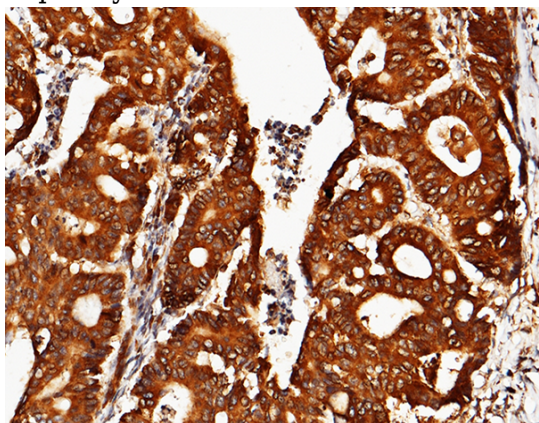
Anti-ORP150/HYOU1/HSP12A (Grp170) antibody



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Rabbit MAb, Immunohistochemistry

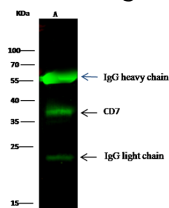
Immunochemical staining of human HSP12A in human cirrhosis with rabbit monoclonal antibody (5 µg/mL, formalin-fixed paraffin embedded sections). Positive staining was localized to hepatocyte.



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Rabbit MAb, Immunohistochemistry

Immunochemical staining of human HSP12A in human colon carcinoma with rabbit monoclonal antibody (5 µg/mL, formalin-fixed paraffin embedded sections). Positive staining was localized to colonic gland.



Lanes	A
Items	
Sample (whole cell lysate)	Jurkat
Sample quantity	0.5 mg
IP antibody quantity	2 µg
Protein G agarose	15 µl of 50% Protein G Agarose
Gel	13% SDS-PAGE reducing gel
Primary antibody	CD7 antibody at 5 µg/ml [Cat# 91028-R007]
Secondary antibody	Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution.

ORP150 / ORP150 / HYOU1 / HSP12A Antibody, Rabbit MAb, Immunoprecipitation