

Rabbit anti-Human ECD Polyclonal Antibody | anti-ECD antibody

Anti-ECD Antibody, Rabbit Polyclonal

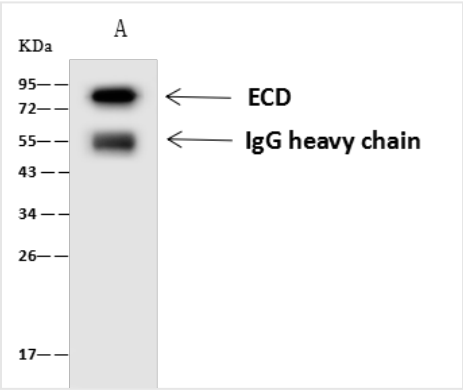
CATALOG # AAA255883	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

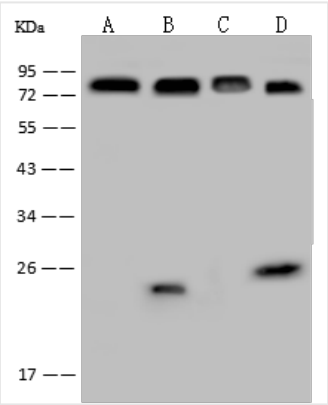
ECD; Polyclonal Antibody; Anti-ECD Antibody; Rabbit Polyclonal; ECD Antibody; Rabbit PAb; Antigen Affinity Purified; ecdysoneless cell cycle regulator; Anti-GCR2 Antibody; Anti-HSGT1 Antibody; anti-ECD antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ECD
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-ECD antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human ECD fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human ECD fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)
ECD was immunoprecipitated using: Lane A: 0.5 mg HeLa Whole Cell Lysate 4 uL anti-ECD rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-ECD rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 73 kDa. Observed band size: 76 kDa.



WB (Western Blot)
Anti-ECD rabbit polyclonal antibody at 1:500 dilution. Lane A: Jurkat Whole Cell Lysate. Lane B: HeLa Whole Cell Lysate. Lane C: 293T Whole Cell Lysate. Lane D: U-251MG Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 73 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-ECD antibody	ECD, also known as ecdysoneless homolog, belongs to the SGT1 family. It is highly expressed in muscle and heart. ECD is a novel promoter of mammalian cell cycle progression. This function is related to its ability to remove the repressive effects of Rb-family tumor suppressors on E2F transcription factors. It is a novel tumor-promoting factor that is differentially expressed in pancreatic cancer and potentially regulates glucose metabolism within cancer cells. ECD may also be a transcriptional activator required for the expression of glycolytic genes.
References	Badzek S. et al., 2011, Wien Klin Wochenschr. 123 (23-24): 726-31. Zhao X. et al., 2012, Breast Cancer Res Treat. 134 (1): 171-80. Dey P. et al., 2012, Clin Cancer Res. 18 (22): 6188-98.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.