

KO-Validated Anti-CD55 Recombinant Rabbit Monoclonal Antibody



Catalog #: 71162

Aliases

CD55; CD55 Molecule (Cromer Blood Group); CR; CROM; DAF; TC; CD55 Molecule, Decay AcceleRating Factor For Complement (Cromer Blood Group); Complement Decay-AcceleRating Factor; CD55 Antigen; Decay AcceleRating Factor For Complement (CD55, Cromer Blood Group System); Cromer Blood Group Antigen; Rh Blood Group D Antigen; CHAPLE

Background

Gene Name: CD55

NCBI Gene Entry: [1604](#)

UniProt Entry: [P08174](#)

Application Information

Molecular Weight: Predicted, 41 kDa, observed, 55-80 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB435

Species Reactivity: Human

Applications Tested: Western blotting (WB)

Immunogen

A synthesized peptide derived from human CD55

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Note: This product is for research use only.

Validation Data

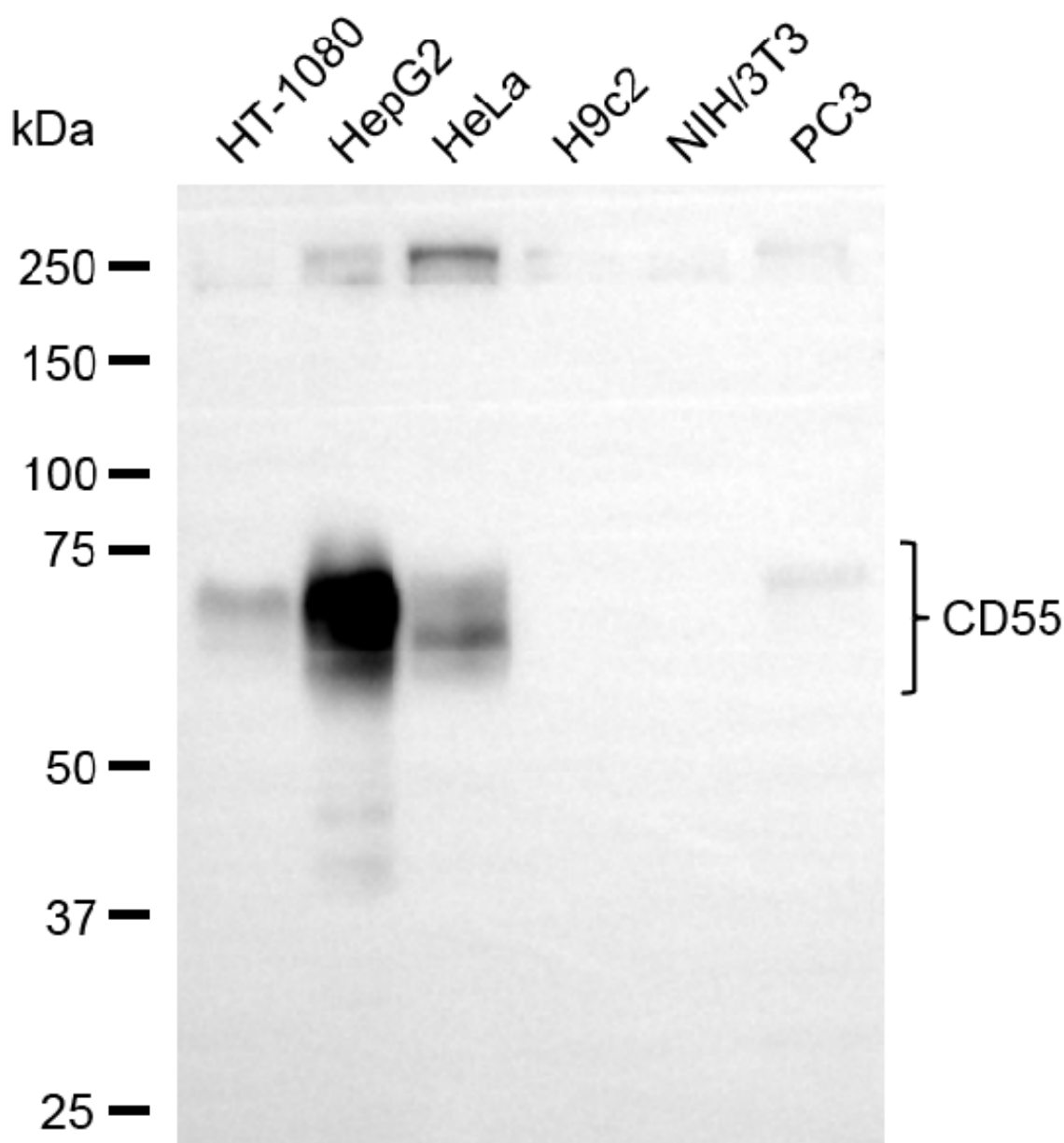
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Western blotting analysis using anti-CD55 antibody (Cat#71162). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CD55 antibody (Cat#71162, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

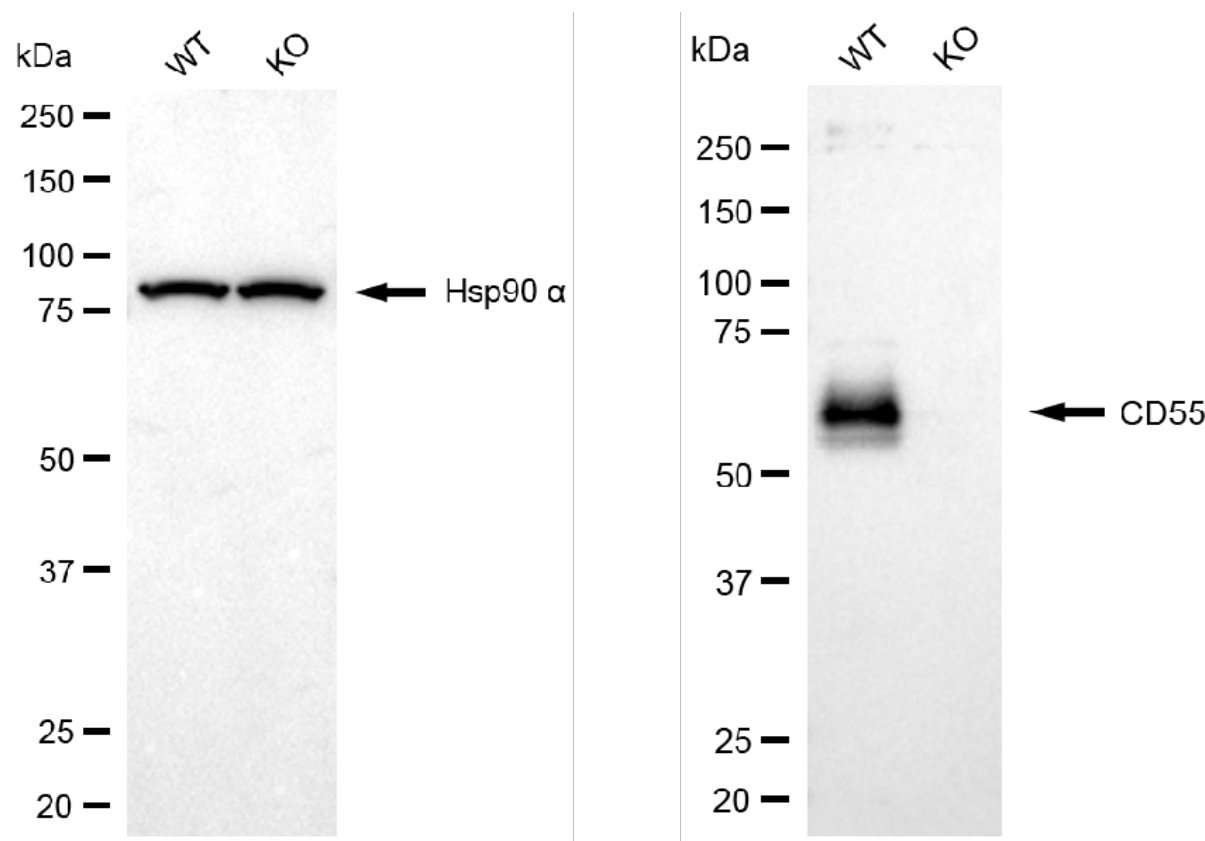
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Western blotting analysis using anti-CD55 antibody (Cat#71162). CD55 expression in wild type (WT) and CD55 knockout (KO) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-CD55 antibody (Cat#71162, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).