9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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# KD-Validated Anti-CD163 Rabbit Monoclonal Antibody

*Rabbit monoclonal antibody*

ABG2326

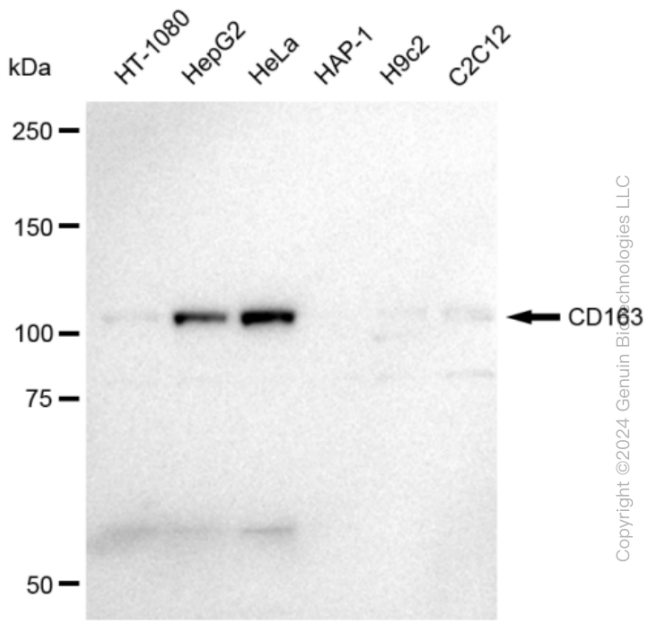
## Product Overview

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|---|---|
| **Name** | KD-Validated Anti-CD163 Rabbit Monoclonal Antibody |
| **Accession(Primary)** | Q86VB7 |
| **Host Species** | Rabbit |
| **Clonality** | Monoclonal |
| **Isotype** | Rabbit IgG |
| **Immunogen** | A synthesized peptide derived from human CD163 |
| **Species Reactivity** | Human, Mouse, Rat |
| **Calculated MW** | Predicted, 125 kDa; Observed, 125 kDa |
| **Storage Buffer** | Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide. |
| **Recommended Dilution** | Western blotting (WB): 1:1,000-1:5,000<br>Immunocytochemistry (IC): 1:1,000 |

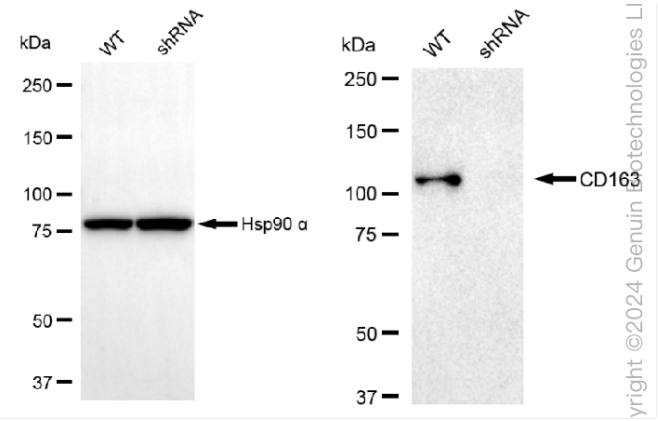
## Target information (Q86VB7)

| | |
|---|---|
| **Gene Name** | CD163 |
| **About Gene Symbol** | CD163 (CD163 Molecule) is a membrane receptor involved in adaptive immunity. It is an important research target in cell signaling, drug discovery, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets. |

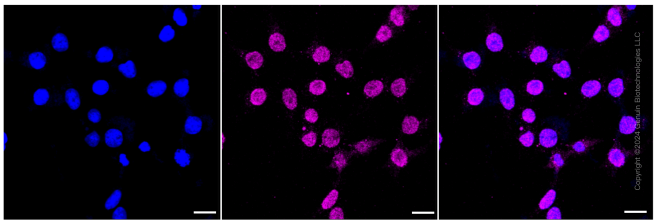
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Western blotting analysis using anti-CD163 antibody (Cat#ABG2326). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CD163 antibody (Cat#ABG2326, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.




Western blotting analysis using anti-CD163 antibody (Cat#ABG2326). CD163 expression in wild type (WT) and CD163 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-CD163 antibody (Cat#ABG2326, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of Hela cells with CD163 antibody (Cat#ABG2326, 1:1,000). Nuclei were stained blue with DAPI; CD163 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.