

# Anti-Kremen2 Reference Antibody (Abbvie Stemcentrx patent anti-Kremen2)

Catalog # APR11413

## Product Information

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|--------------------------|----------------------------------------------------------------|
| <b>Application</b>       | Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA |
| <b>Primary Accession</b> | <a href="#">Q8NCW0</a>                                         |
| <b>Reactivity</b>        | Human                                                          |
| <b>Clonality</b>         | Monoclonal                                                     |
| <b>Isotype</b>           | IgG1-CS-N297A-noK-Opti                                         |
| <b>Calculated MW</b>     | 48849                                                          |

## Additional Information

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|---------------------------|---------|
| <b>Target/Specificity</b> | Kremen2 |
| <b>Expression system</b>  | CHO     |

## Protein Information

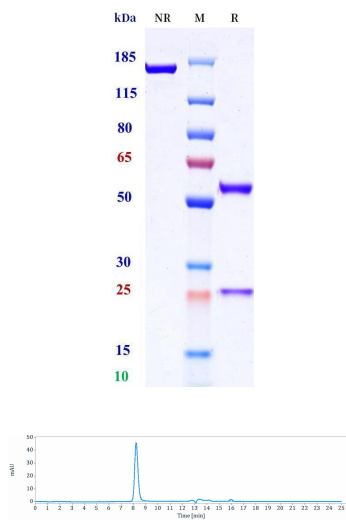
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|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>              | KREMEN2                                                                                                                                                                                                                                                                                                                      |
| <b>Synonyms</b>          | KRM2                                                                                                                                                                                                                                                                                                                         |
| <b>Function</b>          | Receptor for Dickkopf proteins. Cooperates with DKK1/2 to inhibit Wnt/beta-catenin signaling by promoting the endocytosis of Wnt receptors LRP5 and LRP6. Plays a role in limb development; attenuates Wnt signaling in the developing limb to allow normal limb patterning and can also negatively regulate bone formation. |
| <b>Cellular Location</b> | Membrane; Single-pass type I membrane protein                                                                                                                                                                                                                                                                                |

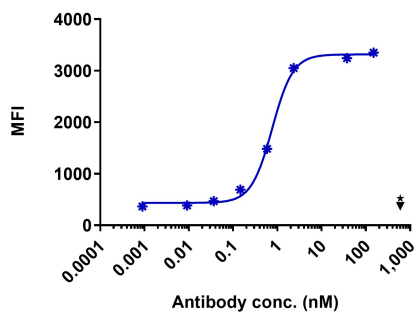
## Images

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Anti-Kremen2 Reference Antibody (Abbvie Stemcentrx patent anti-Kremen2) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-Kremen2 Reference Antibody (Abbvie Stemcentrx patent anti-Kremen2) is 97.45%, determined by SEC-HPLC.



PLVX-puro-Kremen2-FL cell line were stained with Abbvie Stemcentrx patent anti-Kremen2 and negative control protein respectively, washed and then followed by PE and analyzed with FACS, with the EC50 is 0.768 nM.

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