

## DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human Dkk-1 in ELISAs. In sandwich immunoassays, no cross-reactivity or interference with recombinant human (rh) Dkk-4, rhKremen-1, rhKremen-2 or rhLRP-6 is observed.
<b>Source</b>	Monoclonal Mouse IgG <sub>2B</sub> Clone # 141135
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant human Dkk-1 Thr32-His266 Accession # O94907
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

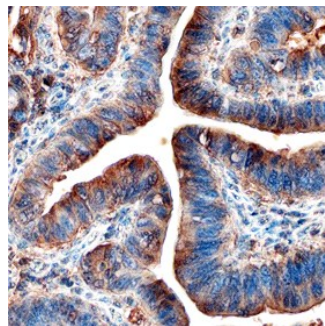
## APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Immunohistochemistry</b>	8-25 µg/mL	See Below
<b>Human Dkk-1 Sandwich Immunoassay</b>		<b>Reagent</b>
<b>ELISA Capture</b>	2-8 µg/mL	Human Dkk-1 Antibody (Catalog # <a href="#">MAB10962</a> )
<b>ELISA Detection</b>	0.1-0.4 µg/mL	Human Dkk-1 Biotinylated Antibody (Catalog # <a href="#">BAF1096</a> )
<b>Standard</b>		Recombinant Human Dkk-1 (Catalog # <a href="#">5439-DK</a> )

## DATA

### Immunohistochemistry



**Dkk-1 in Human Colon.** Dkk-1 was detected in immersion fixed paraffin-embedded sections of human colon using Human Dkk-1 Monoclonal Antibody (Catalog # MAB10962) at 15 µg/mL overnight at 4 °C. Before incubation with the primary antibody, tissue was subjected to heat-induced epitope retrieval using Antigen Retrieval Reagent-Basic (Catalog # [CTS013](#)). Tissue was stained using the Anti-Mouse HRP-DAB Cell & Tissue Staining Kit (brown; Catalog # [CTS002](#)). Specific staining was localized to epithelial cells. View our protocol for [Chromogenic IHC Staining of Paraffin-embedded Tissue Sections](#).

## PREPARATION AND STORAGE

<b>Reconstitution</b>	Reconstitute at 0.5 mg/mL in sterile PBS.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
<b>Stability &amp; Storage</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>● 1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>● 6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>