

**Human slg Specific Recomb<sup>™</sup> Antibody (V3S-1123-CJ21), Human IgG1,  $\kappa$**

Cat. No.: V3S-1123-CJ21

## Summary

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<b>Description</b>	This recombinant human antibody (clone 4D5-1) recognizes surface-expressed immunoglobulin (slg) on human MEC1 cells. This antibody was generated by phage display and selection. This antibody has been tested in use for ELISA.
<b>Clonality</b>	Monoclonal
<b>Host Species</b>	Human
<b>Target Species</b>	Human
<b>Isotype</b>	Human IgG1, $\kappa$
<b>Isotype Control</b>	C67002; C43061
<b>Secondary Antibody</b>	C32400; C75370; C10513; C51635; C45530

## Property

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<b>Expression Species</b>	HEK293F or CHO
<b>Conjugation</b>	None
<b>Purity</b>	>95%, determined by SDS-PAGE and SEC-HPLC
<b>Endotoxin</b>	<1 EU/mg
<b>Purification</b>	Protein A affinity purified
<b>Sterility</b>	0.2 $\mu$ M filtered
<b>Formulation</b>	PBS, pH 7.4
<b>Preservation</b>	No preservatives
<b>Stabilizer</b>	No stabilizers
<b>Storage</b>	Store at 4°C within a week. For longer storage, aliquot and store at -20°C.

## Applications

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<b>Application</b>	ELISA
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For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.

**Application Notes**

The antibody is recommended for detection of NPCs by ELISA. The binding activities of phage 4D5-1 were characterized by Flow Cytometry on MEC1 cells.

**Target**

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<b>Target</b>	Human slg
<b>Alternative Name</b>	Surface immunoglobulin; Human surface immunoglobulin
<b>Introduction</b>	Many B-cell tumors have surface-expressed immunoglobulin (slg). The complementarity-determining regions of the slg are unique to each tumor.
<b>Research Area</b>	Cell Biology; Immunology
<b>Related Disease</b>	B-cell malignancies



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