

## Product Datasheet

### Anti-Metapneumovirus V4821

<b>Product Name</b>	Anti-Metapneumovirus
<b>Catalog Number</b>	V4821
<b>Description</b>	Purified from mouse ascites by protein A chromatography
<b>Species/Host</b>	Mouse
<b>Tested Applications</b>	ELISA, LF, IFA
<b>Alternative Names</b>	HMPV
<b>Brand</b>	ViroStat
<b>Form/Appearance</b>	Purified from mouse ascites by protein A chromatography
<b>Concentration</b>	≥ 1 mg/ml
<b>Storage</b>	+2-8 °C or -20 °C. Avoid freeze-thaws. Maximum one freeze-thaw during storage.
<b>Isotype</b>	IgG2a
<b>Clonality</b>	Monoclonal
<b>Purity</b>	≥ 90 %
<b>Affinity constant</b>	$K_A = 2.5 \times 10^8 \text{ l/M}$ ; $K_D = 4.0 \times 10^{-9} \text{ M}$ (= 4.03 nM)
<b>Buffer</b>	0.01M Phosphate Buffered Saline, pH 7.2, containing 0.1% sodium azide
<b>Cross Reactivity</b>	Reactive with hMPV genotypes A & B. Non-reactive with Respiratory Syncytial Virus, Influenza A, Influenza B, Adenovirus, & Parainfluenza viruses 1, 2, & 3
<b>Specificity</b>	Matrix protein of human metapneumovirus
<b>Matched Pairs</b>	LF pairs (capture-conjugate) : V4811-V4821
<b>Shelf Life</b>	4 years