

## Anti-S1 (MERS-CoV/HCoV-EMC/2012) Monoclonal Antibody

CATALOG NUMBER: MERS-S1-006, 100 µg

<b>Introduction</b>	MERS-CoV is a new member of the beta group of coronavirus, Betacoronavirus, lineage C. MERS-CoV genomes are phylogenetically classified into two clades, clade A and B. The earliest cases of MERS were of clade A clusters (EMC/2012 and Jordan-N3/2012), and new cases are genetically distinct (clade B).
<b>Applications</b>	WB, ELISA, IF, IP, sandwich immunoassay, etc
<b>Description</b>	Mouse anti-S1 (MERS-CoV) monoclonal antibody
<b>Immunogen</b>	DNA vaccine expressing recombinant S1 of the spike protein (Human betacoronavirus 2c EMC/2012) (aa 18-725) (GenBank Accession# AFS88936)
<b>Specificity</b>	React with spike protein of (MERS-CoV) only as tested
<b>Purification</b>	Chromatography on protein A Sepharose
<b>Isotype</b>	IgG1
<b>Clone No.</b>	IT-B7
<b>Storage</b>	Store at -20 °C; Stable for at least 1 month from the date of shipment at 4 °C.
<b>Concentration</b>	1 µg/µl in PBS with 40% glycerol
<b>Size</b>	100 µg
<b>Usage</b>	This product does not contain livestock or poultry disease agents, non-toxic/non contagious and is not intended for human use, only for laboratory research and development.

**ELISA Profile**

