



DataSheet

CATALOGUE #: 3CV2

PRODUCT NAME: Monoclonal anti-SARS-CoV-2 Spike

MAbs *in vitro*: R107

MAbs *in vivo*: RBD1106

R&D samples: RBD5305, RBD5308, RBD5313, RBD4319, RBD5324

R107, RBD1106: Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with recombinant SARS-CoV-2 Spike RBD.

RBD5305, RBD5308, RBD5313, RBD5324: Recombinant full-sized chimeric MAbs, expressed in mammalian cells. Original wild type variable domains of rat MAb and human IgG1 constant domains are combined in these constructs.

RBD4319: Rat MAb produced in rat-mouse heterohybridoma cell line.

Specificity: SARS-CoV-2 Spike RBD

MAb isotypes: IgG1 for R107, RBD1106, RBD5305, RBD5308, RBD5313, RBD4319, RBD5324

Applications: Immunoassays. Recommended pairs in sandwich immunoassay (capture – detection):

Detection antibody conjugated with HRP:	
Capture	Detection
RBD5305	RBD1106
RBD4319	RBD1106
RBD5308	RBD5305
RBD5324	RBD5308

Detection antibody conjugated with biotin:	
Capture	Detection
RBD1106	RBD5313
RBD1106	RBD5305
RBD5305	RBD1106
RBD1106	RBD4319
RBD5308	RBD5313
RBD5308	RBD5305
R107	RBD1106

Recommended pairs for lateral flow:

Capture	Detection
RBD5308	RBD5324
RBD5308	RBD5313
RBD5324	RBD5308
RBD5313	RBD5308

Purification: Protein A chromatography

Presentation: PBS, pH 7.4, 0.09 % sodium azide (NaN₃)

Storage: +4 °C (+2 ... +8 °C allowed)

Material safety note: This product is sold **for research use only**. Standard Laboratory Practices should be followed when handling this material.

Product contains sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.



Distribuito in ITALIA da
Li StarFish S.r.l.
Via Cavour, 35
20063 Cernusco S/N (MI)
telefono 02-92150794
info@listarfish.it
www.listarfish.it