抗犬细小病毒VP2参考抗体

Anti-Human CPV VP2 Reference Antibody

货号：RB9T37015608

在您使用本产品前请认真阅读说明书，这对您顺利完成实验很有帮助。

产品编码
RB9T37015608

中文名称
抗犬细小病毒VP2参考抗体

英文名称
Anti-Human CPV VP2 Reference Antibody

形态
Liquid

纯度
>95% purity as determined by SDS-PAGE.

内毒素水平
Please contact the lab for this information.

应用
ELISA, Bioactivity: FACS, Functional assay, Research in vivo

表达系统
Mammalian Cells

登录号
P61826

宿主种属
Caninized

克隆性
Monoclonal

抗体亚型
IgG2, kappa

纯化方式
Protein A/G purified from cell culture supernatant.

浓度
0.9mg/ml

种属反应性
Canine parvovirus type 2 (CPV-2)

靶标

Capsid protein VP2

背景信息

Anivovetmab (KIND-030) is an anti-VP2 (parvovirus major capsid protein) monoclonal antibody (IgG2 type). Anivovetmab has the potential to study canine parvovirus infection.

• Identification of Potential Novel B-Cell Epitopes of Capsid Protein VP2 in Senecavirus A., PMID:37428080

• The VP2 protein exhibits cross-interaction to the VP1 protein in norovirus GII.17., PMID:35272046

• The first report of porcine parvovirus 7 (PPV7) in Colombia demonstrates the presence of variants associated with modifications at the level of the VP2-capsid protein., PMID:34914702

• Capsid assembly is regulated by amino acid residues asparagine 47 and 48 in the VP2 protein of porcine parvovirus., PMID:33433338

• Norwalk Virus Minor Capsid Protein VP2 Associates within the VP1 Shell Domain., PMID:23408637

• Foot-and-mouth disease virus capsid protein VP2 activates the cellular EIF2S1-ATF4 pathway and induces autophagy via HSPB1., PMID:29166823

• Soluble overexpression and purification of infectious bursal disease virus capsid protein VP2 in *Escherichia coli* and its nanometer structure observation., PMID:35343377

• Interaction between Bluetongue virus outer capsid protein VP2 and vimentin is necessary for virus egress., PMID:17224050

• Adeno-associated virus type 2 VP2 capsid protein is nonessential and can tolerate large peptide insertions at its N terminus., PMID:15163751

• Feline calicivirus VP2 is involved in the self-assembly of the capsid protein into virus-like particles., PMID:20362313

别名

KIND030, KIND-030, KIND030, 2370896-63-0

储存缓冲液

0.01M PBS, pH 7.4.

稳定性和储存

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at 4° C for short-term storage (1-2 weeks). Store at -20° C for up to 12 months. For long-term storage, store at -80° C.

For research use only. Not suitable for clinical or therapeutic use.