

Anti-Human Polyoma virus JCV capsid protein VP1 antibody [8E8] ab34756

★★★★☆ **2 Abreviews** **15 References** 画像数 **1**

製品の概要

製品名	Anti-Human Polyoma virus JCV capsid protein VP1 antibody [8E8]
製品の詳細	Mouse monoclonal [8E8] to Human Polyoma virus JCV capsid protein VP1
由来種	Mouse
アプリケーション	適用あり: Indirect ELISA, WB
種交差性	交差種: JCV virus
免疫原	Recombinant full length protein corresponding to Human Polyoma virus JCV capsid protein VP1. Recombinant full length purified major capsid protein VP1 of human polyomavirus JCV expressed in yeast <i>S.cerevisiae</i> .
特記事項	<p>This product was changed from ascites to tissue culture supernatant on 28/11/2017. Lot numbers higher than GR48370-3, GR185137-5, GR185137-7 and GR185137-8 will be from tissue culture supernatant. Please note that the dilutions may need to be adjusted accordingly.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 Preservative: 0.1% Sodium azide Constituent: PBS
精製度	Protein A purified
ポリ/モノ	モノクローナル

クローン名	8E8
ミエローマ	Sp2/0
アイソタイプ	IgG2a

アプリケーション

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab34756の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

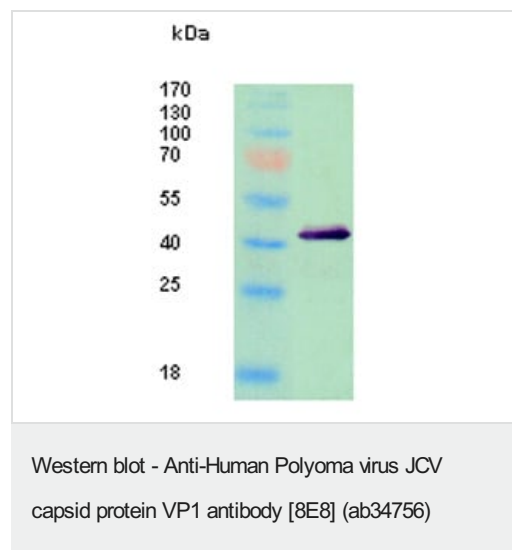
アプリケーション	Abreviews	特記事項
Indirect ELISA		1/1000 - 1/10000.
WB		1/1000 - 1/5000.

ターゲット情報

関連性

The human polyomavirus JC virus (JCV) infects greater than 80% of the human population. The JC virus is a small (38-40 nm in diameter) double stranded, circular DNA virus covered by an icosahedral capsid. Infection with JCV is asymptomatic and it occurs in early childhood. After the primary infection, the virus remains in latent state in the kidney, until it's reactivation under immunosuppressive conditions to result in Progressive Multifocal Leukoencephalopathy (PML), a fatal demyelinating disease. 70% of all HIV-1- infected patients will exhibit neurological disorders and between 5 and 8% of all HIV-1-infected patients will develop PML. Similar to other polyomaviruses, JCV can cause tumors when intracerebrally inoculated at high titers into developing rodent. Several reports suggest the association of viruses, especially of the polyomavirus family with different types of human brain tumors. Tumorigenicity of JCV is most likely induced by the viral early gene product T-antigen. T-antigen has the capacity to interact with several tumor suppressor proteins, most notably p53, and functionally inactivate these proteins.

画像



Immunoblot of recombinant major capsid protein VP1 (500 ng per lane) of human polyomavirus JCV using monoclonal antibody ab34756 at a concentration of 1 µg/mL.

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