

Product datasheet

Anti-Respiratory Syncytial Virus antibody [2F7] ab43812

7 References [画像数 1](#)

製品の概要

製品名	Anti-Respiratory Syncytial Virus antibody [2F7]
製品の詳細	Mouse monoclonal [2F7] to Respiratory Syncytial Virus
アプリケーション	適用あり: WB, IHC-Fr, ICC, ELISA
種交差性	Respiratory Syncytial Virus (RSV) strains (Paramyxovirus 1, 2 & 3). No cross-reactivity with other respiratory viruses.
免疫原	Recombinant FP

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	Constituents: 0.75% Glycine, 1.21% Tris, 2% Sucrose
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	2F7
アイソタイプ	IgG1
軽鎖の種類	kappa

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab43812** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/5000. Predicted molecular weight: 48 , 70 kDa.
IHC-Fr		1/100 - 1/500.

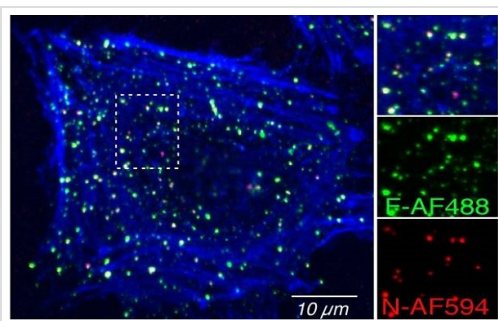
アプリケーション	Abreviews	特記事項
ICC		1/100 - 1/500. Immunocytology on infected cells.
ELISA		1/2000 - 1/1000.

ターゲット情報

関連性 Respiratory syncytial virus (RSV) is a major cause of respiratory illness in young children. RSV infection produces a variety of signs and symptoms involving different areas of the respiratory tract, from the nose to the lungs. RSV is a negative sense, enveloped RNA virus. The virion is variable in shape and size with average diameter of between 120 and 300 nm. The 63 kD RSV fusion protein of the RSS 2 strain (subtype A) directs fusion of viral and cellular membranes, results in viral penetration, and can direct fusion of infected cells with adjoining cells, resulting in the formation of syncytia or multi nucleated giant cells.

細胞内局在 Virion. Host cytoplasm

画像



Immunofluorescent staining of Respiratory Syncytial Virus F protein Bound to HeLa cells using ab43812. Respiratory Syncytial Virus F protein was visualized in green and Respiratory Syncytial N protein in red.

Immunocytochemistry/ Immunofluorescence - Anti-Respiratory Syncytial Virus antibody [2F7] (ab43812)

Image from Krzyzaniak MA et al., PLoS Pathogens. 2013;9(4):e1003309. Fig 2.; doi: 10.1371/journal.ppat.1003309

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