

## Product datasheet for **AM05652PU-N**

### Parainfluenza Virus 1 Mouse Monoclonal Antibody [Clone ID: 251/12A (PAR1)]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	251/12A (PAR1)
Applications:	ELISA, IF
Recommended Dilution:	ELISA. Immunofluorescence.
Reactivity:	Human Parainfluenza Viruses 1
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Parainfluenza 1 fusion protein.
Specificity:	This antibody specifically recognises an epitope within the fusion protein of parainfluenza virus 1 (HPIV-1), an enveloped single-stranded RNA virus of the <i>Paramyxoviridae</i> family. This antibody can be used in IFA typing studies in conjunction with AM05653PU-N (clone 231/9F) and AM05654PU-N (clone 341/7H), for the detection of parainfluenza virus types 1, 2 and 3.
Formulation:	Phosphate buffered saline pH7.5 containing 0.09% Sodium Azide (NaN <sub>3</sub> ) State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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**Background:**

Parainfluenza viruses are genetically and antigenically divided into the four types HPIV1-4, with HPIV-1, -2 and -3 being major causative agents of lower respiratory infections in the young and immunologically vulnerable. The fusion protein of all HPIV, is a 60-66kDa surface glycoprotein, integral in the fusion of virus host-cell membranes, and the subsequent infection of a host cell by the viral nucleocapsid.

**Synonyms:**

Parainfluenza Virus type 1, HPIV-1, HPIV1