Mouse Anti-Rotavirus Monoclonal Antibody

**Product Overview:** Mouse monoclonal antibody to rotavirus.

**Immunogen:** Recombinant inner capsid protein (VP6).

**Sensitivity:** Monoclonal antibody reacts specifically with human 41 kDa inner capsid protein (VP6) of Rotavirus.

**Host animal:** Mouse

**Clone:** DpwB3

**Isotype:** IgG2a/Kappa

**Form:** Ascitic fluid

**Application:** Optimal dilutions should be determined by the end user. The following are guidelines only: Immunohistochemistry/Immunocytochemistry: 1:100 - 1:500; Western Blot: 1:200 - 1:1000.

**Introduction:** Rotavirus is the most common cause of severe diarrhoea among infants and young children, and is one of several viruses that cause infections often called stomach flu, despite having no relation to influenza. It is a genus of double-stranded RNA virus in the family Reoviridae. By the age of five, nearly every child in the world has been infected with rotavirus at least once. However, with each infection, immunity develops, and subsequent infections are less severe; adults are rarely affected. There are five species of this virus, referred to as A, B, C, D, and E. Rotavirus A, the most common, causes more than 90% of infections in humans.

**Keywords:** Rotavirus

**REFERENCES**


**PACKAGING**

**Storage:** Lyophilized powder stable for a minimum of 2 years at -20°C. Store reconstituted serum at +4°C. For extended periods store in aliquots at -20°C. Antibodies are guaranteed for 6 month from date of reconstitution.

**Warning:** This is a laboratory reagent. It is not to be administered to human or animals nor be used as a drug.