# abcam

## Product datasheet

## Anti-Rotavirus antibody ab20036

### 2 References

#### 製品の概要

製品名 Anti-Rotavirus antibody

製品の詳細 Goat polyclonal to Rotavirus

由来種 Goat

アプリケーション **適用あり**: ICC/IF

種交差性 交差種: Rotavirus

免疫原 Tissue, cells or virus corresponding to Cow Rotavirus. Bovine Nebraska Calf Diarrhea Virus.

特記事項

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.

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

## 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.

ארע"א" Preservative: 0.1% Sodium azide

Constituent: 0.0268% PBS

精製度 Protein G purified

**特記事項(精製)** >95% pure. ポリケローナル

アイソタイプ IgG

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ab20036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検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF		Use at an assay dependent concentration.

#### ターゲット情報

#### 関連性

Rotaviruses, members of the family Reoviridae, are a major cause of diarrhoea in young mammals. Rotavirus infections also result in economic losses in agriculture due to diarrhoea in calf, pig, sheep, and poultry rearing. Diarrhoea (or scours) due to the rotavirus Nebraska Calf Diarrhea Virus can affect calves up to 30 days of age or older. Diarrhoea begins 2 to 3 days after exposure. Diagnosis is by history, lesions (ulcers on the tongue, lips, and mouth) and diagnostic laboratory tests. Mortality rates may be as high as 50 percent, depending on the secondary bacteria present. Human rotaviruses, the major aetiological agents of severe infantile diarrhoea worldwide, display surprisingly diverse and complex serotypic specificities. Rotaviruses are 70 nm, non enveloped viruses comprised of a triple layered protein capsid; Outer capsid proteins are VP4 and VP7, Inner capsid -VP6 and Core -VP2. The immunity acquired from exposure to rotavirus appears to be type specific following initial infection; therefore, multiple serotypes of rotavirus mean multiple opportunities for infection. The combination of animal reservoirs for the virus and rotavirus gene reassortment provides the potential for dramatic genetic shifts (similar to influenza virus) which could give rise to altered host ranges and viral virulence.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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