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TECHNICAL INFORMATION

Catalog Number: 56960

Goat Affinity Purified F(ab')₂ Fragment To Human IgM (5Fc Mu)

DESCRIPTION: Product is goat affinity purified F(ab')₂ fragments to human IgM (5Fc μ) and buffer salts.

The affinity purified F(ab')₂ fragment is prepared from the specific goat IgG fraction by limited digestion with pepsin and solid phase absorption. The resulting affinity purified F(ab')₂ fragment is dialyzed into 0.02M sodium phosphate, 0.14M sodium chloride, pH 7.3, adjusted to standard titer, filtered through a 0.22 μm filter, and vialled.

USES: This product is suitable for use as a precipitating antibody. It gives sharp precipitin lines in immunoelectrophoresis and immunodiffusion techniques.

This product is suitable for conjugation with enzymes, radiolabels, fluorochromes or other markers, and for attachment to solid supports for use as an immunoadsorbant.

This product is suitable for use as a primary reagent in enzyme immunoassays, fluorescein immunoassays and blot, cell or tissue immunostaining. These affinity purified antibodies are recommended to avoid non-specific binding from the inherent antibodies of host animals. F(ab')₂ fragments are recommended for staining of cells or tissues which contain Fc receptors.

See **Related Product Ordering Information**.

SPECIFICATIONS: The total protein is measured by absorbance (A_{280nm}). Antibody titer is standardized by equivalence-point precipitation. Each affinity purified F(ab')₂ fragment is tested for purity at 10 mg/ml using immunoelectrophoresis. The product is goat F(ab')₂; no trace of albumin, whole molecule IgG or Fc is detected. It shows reactivity to human IgM; cross-reactivity to other species may exist. Antibody activity to human IgG, IgA, or non-immunoglobulin serum proteins is not present.

RELATED PRODUCT ORDERING INFORMATION:

Catalog #DescriptionSize

55097 GOAT ANTI-HUMAN IGM (5 FC μ)2ML
55017 IGG GOAT ANTI-HUMAN IGM (5FC μ)5ML
55055 F(AB')₂ GOAT ANTI-HUMAN IGM (5FC μ)2ML
55073 AFF.PUR. GOAT ANTI-HUMAN IGM (5FC μ) 2MG
55916 PURIFIED HUMAN IGM5MG

Note: This product may contain a preservative such as sodium azide, thimerosal or proclin. Please see lot specific chemical credential for preservative information.

[If a titer/working dilution is not given above, please click here to see a general dilution chart for working with antibodies. Please note that the general dilution chart should only be used as a guideline. Each lab should determine their own optimal working dilution.](#)

[Will this antibody work with your application? Please click here to see a general chart of antibody applications. Please note that any information given above is primary application data. The general applications charts should only be used as a reference.](#)