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Rat IgG Fab

Catalog # ASR2307

Product Information

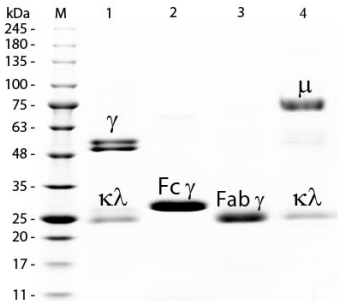
Description	RAT IgG F(ab) fragment
Conjugate	Unconjugated
Physical State	Liquid (sterile filtered)
Host Isotype	IgG F(ab)
Buffer	0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Species of Origin	Rat
Stabilizer	None
Preservative	0.01% (w/v) Sodium Azide

Additional Information

Shipping Condition	Wet Ice
Application Note	Suitable for use as antigen or ligand in immunochemical reactions, as a control or standard in assays, for conjugation and most other immunological methods requiring highly purified immunoglobulins.
Purity	This product was prepared from normal serum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by papain digestion and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rat Serum, anti-Rat IgG and anti-Rat IgG F(ab')2. No reaction was observed against anti-Rat IgG F(c) or anti- Papain.
Storage Condition	Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage, aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.
Precautions Note	This product is for research use only and is not intended for therapeutic or diagnostic applications.

Images

SDS-PAGE of Rat IgG F(ab) Fragment (p/n ASR2307). Lane M: 3 µL Opal Prestained Marker (p/n MB-210-0500). Lane 1: Reduced Rat IgG Whole Molecule (p/n 012-0102). Lane 2: Reduced Rat IgG F(c) Fragment (p/n 012-0103). Lane 3: Reduced Rat IgG F(ab) Fragment (p/n ASR2307). Lane 4: Reduced Rat IgM Whole Molecule (p/n 012-0107). Load: 1 µg of IgG, F(c), F(ab); 1.5 µg of IgM. Predicted/Observed size: IgG at 55 and 25 kDa; F(c) at 25 kDa; F(ab) at 25 kDa;



IgM at 78 and 25 kDa. Observed F(c) Fragment migrates slightly higher.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.