
Certificate of Analysis

Product:	Donkey anti-Mouse IgG (H&L), F(ab)' ₂ Fragment, FITC Conjugate
Part Number:	DkxMu-003-GFITC
Lot Number:	90-118-082021
Amount:	0.5 mg of antibody at 1.50 mg/ml ($E^{1\%}$ at 280 nm = 13.0)
Fluorophore:	Fluorescein-5-isothiocyanate (A_{max} = 494 nm; E_{max} = 518 nm)
Fluor/Protein Ratio:	8.4 Moles FITC per Mole Antibody
Form:	Clear, fluorescent yellow liquid
Purification:	Antibody was affinity purified using solid phase Mouse IgG. F(ab)' ₂ fragment was prepared by pepsin digestion.
Purity:	Affinity purified antibody is $\geq 90\%$ based on SDS-PAGE. Small amounts of intact IgG may be present.
Host:	Donkey
Immunogen:	Purified Mouse IgG, whole molecule
Buffer:	10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free
Preservative:	0.05 % (w/v) Sodium Azide
Storage:	Store undiluted liquid at 2-8 °C. Prepare working dilution prior to use and then discard.
Shelf Life:	1 year from date of receipt
Specificity:	Based on IEP, this antibody reacts with: <ul style="list-style-type: none">• heavy (γ) chains on Mouse IgG• light chains on all Mouse immunoglobulins
Cross Reactivity:	Based on IEP, no reactivity is observed to: <ul style="list-style-type: none">• non-immunoglobulin Mouse serum proteins
Country of Origin:	Donkey serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.
Note:	This conjugate was prepared using Part # DkxMu-003-G, Lot # 41-46-112114.
Applications:	This conjugate is suitable for use in: FLISA, IF, IM, IHC, FACS. The optimal working dilution should be determined by the investigator. Suggested starting dilution(s): <ul style="list-style-type: none">• 1:20 – 1:2,000 for Immunohistochemistry• 1:50 – 1:5,000 for Immunocytochemistry
Disclaimer:	<i>For in vitro Laboratory Use Only.</i> Not for diagnostic or therapeutic use. Not for human or animal consumption. The proper selection and use of our products is the sole responsibility of the end user, and therefore we can offer no guarantee to a specific experimental outcome. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license under any patent of ImmunoReagents, Inc.

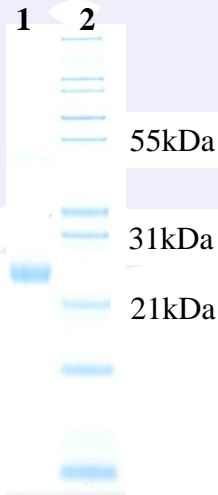
Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.

Testing Results

PRODUCT: Donkey anti-Mouse IgG (H&L), F(ab)'2 Fragment, FITC Conjugate
PART NUMBER: DkxMu-003-GFITC
LOT NUMBER: 90-118-082021

<u>TEST</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear, fluorescent yellow liquid	PASS
Purity:	One predominant band at 24 kDa based on SDS-PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none">heavy (γ) chains on Mouse IgGlight chains on all Mouse immunoglobulins	PASS PASS
Cross Reactivity:	Based on IEP, no precipitin bands are observed to: <ul style="list-style-type: none">non-immunoglobulin Mouse serum proteins	PASS
FLISA:	Mean fluorescent value of 8 μ g/ml of FITC conjugate when tested against normal Mouse IgG coated at 4 μ g/ml	2150 MFI's

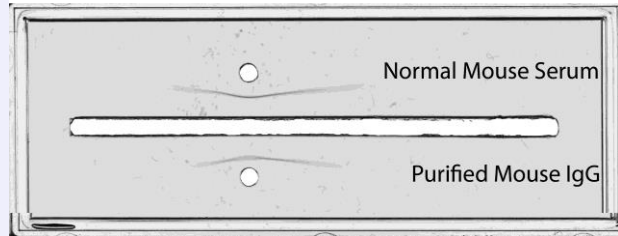
SDS-PAGE



- 1) DkxMu-003-G, Lot # 41-46-112114
- 2) Mol Weight Standard

Immunoelectrophoresis (IEP)

IEP Image for Donkey anti-Mouse IgG (H&L), F(ab)'2 Fragment
Part# DkxMu-003-G Lot# 41-46-112114



Date: September 2, 2021

Signature: _____


Quality Control