

Datasheet for ABIN611768

**Donkey anti-Mouse IgG (Heavy & Light Chain) Antibody
(DyLight 800)**[Go to Product page](#)**3** Publications

Overview

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|----------------------|--|
| Quantity: | 0.5 mg |
| Target: | IgG |
| Binding Specificity: | Heavy & Light Chain |
| Reactivity: | Mouse |
| Host: | Donkey |
| Conjugate: | DyLight 800 |
| Application: | Flow Cytometry (FACS), Immunofluorescence (IF) |

Product Details

| | |
|------------------|---|
| Immunogen: | Purified Mouse IgG, whole molecule |
| Fragment: | F(ab') ₂ fragment |
| Characteristics: | Donkey anti-Mouse IgG (H&L) - F(ab') ₂ fragment, DyLight 800 Conjugate. Fluorophore: DyLight 800 (Ex = 777 nm, Em = 794 nm). Fluor Protein Ratio: Moles DyLight 800 per Mole Antibody. |
| Purification: | Affinity purified using solid phase rabbit IgG (H&L) |
| Purity: | > 95 % based on SDS-PAGE |

Target Details

| | |
|-----------|------------------------------|
| Target: | IgG |
| Abstract: | IgG Products |

Target Details

Target Type: Antibody

Application Details

Application Notes: This conjugate is suitable for immunomicroscopy, flow cytometry.
The optimal working dilution should be determined by the investigator. Suggested starting dilution: 1:20 - 1:2,000 for most applications

Comment: Country of Origin: Donkey serum was obtained from healthy animals of US origin, under the care of a registered veterinarian.

DyLight is a trademark of Thermo Fisher Scientific, Inc. and its subsidiaries.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 1 mg/mL

Buffer: 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free.
0.05 % (w/v) Sodium Azide

Preservative: Sodium azide

Precaution of Use: **WARNING:** Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

Handling Advice: Product is photosensitive and should be protected from light.
Prepare working dilution prior to use and then discard. Be sure to mix well but without foaming. A solution with 50 % glycerol will not freeze in -20 °C. If you are using a 1:5000 dilution prior to diluting with glycerol, then you would need to use a 1:2500 dilution after adding glycerol.

Storage: 4 °C

Publications

Product cited in: Armstrong, Komiya, Bergman, Mihara, Bornstein: "Metaxin is a component of a preprotein

import complex in the outer membrane of the mammalian mitochondrion." in: **The Journal of biological chemistry**, Vol. 272, Issue 10, pp. 6510-8, (1997) ([PubMed](#)).

Long, Winfield, Adolph, Ginns, Bornstein: "Structure and organization of the human metaxin gene (MTX) and pseudogene." in: **Genomics**, Vol. 33, Issue 2, pp. 177-84, (1997) ([PubMed](#)).

Bornstein, McKinney, LaMarca, Winfield, Shingu, Devarayalu, Vos, Ginns: "Metaxin, a gene contiguous to both thrombospondin 3 and glucocerebrosidase, is required for embryonic development in the mouse: implications for Gaucher disease." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 92, Issue 10, pp. 4547-51, (1995) ([PubMed](#)).