

Cy3 Rabbit mAb

Catalog No.: A27267 **Recombinant**

Basic Information

Observed MW

Calculated MW

Category

Primary antibody

Applications

DB,ELISA

Cross-Reactivity

Species independent

CloneNo number

ARC72638

Background

Cy 3 and Cy 5 are the most commonly used cyan dyes for the detection of two colors. Cy3 dye is fluorescent orange, while Cy5 is fluorescent in the red region. Cyanine belongs to polymethyl group. Cy dyes are a family of fluorophores that can be used to label proteins, peptides, DNA, RNA and other biomolecules. These dyes are small in size, pH-insensitive, soluble in aqueous solutions, and resistant to DMSO. They have higher photostability, higher molar extinction coefficient and good quantum yield than fluorescein. Cy3 and Cy5 are mainly used in many different biological analysis, such as DNA microarray, protein microarray, two-dimensional protein analysis (2D gel), fluorescence resonance energy transfer (FRET) and immunocytochemistry.

Recommended Dilutions

DB 1:1000 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

CAS:146397-20-8

Swiss Prot

Immunogen

Chemical compounds corresponding to Cy3.

Synonyms

Cy3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Dot-blot analysis of all sorts of compounds using Cy3 Rabbit mAb (A27267) at 1:1000 dilution.