

Europium-Anti-DYKDDDDK Mouse mAb

Catalog #: T6640-10; T6640-50; T6640-200

Also Known as: Europium labeled Anti-DYKDDDDK Antibody
Quantity: T6640-10 (10 µg); T6640-50 (50 µg); T6640-200 (200 µg)
Species: Mouse monoclonal
Isotype: Mouse IgG1
Clone: FG4R
Immunogen: DYKDDDDK synthetic peptide conjugated to KLH
Mol. Weight: 150 kDa
Application: Time resolved (TR)-FRET assays
Stock Buffer: 10 mM PBS, pH 7.2, 0.02% NaN₃
Purity: > 95%
Concentration: See tube label
Description: A europium chelate is covalently conjugated on lysines of the anti-DYKDDDDK mouse monoclonal antibody (clone FG4R). The molar ratio between europium and antibody in different lots is ~5 - 9.

The europium-anti-DYKDDDDK mouse monoclonal antibody recognizes DYKDDDDK-tagged proteins/peptides and can serve as the donor in TR-FRET assays that offer a sensitive tool in monitoring molecular proximity, post-translational modifications, enzyme activity, and protein abundance. The acceptor is far-red fluorescent dyes, such as Cy5.

Storage: Store at -80°C; Avoid multiple freeze-thaw cycles

