

Terbium-Anti-DYKDDDDK Mouse mAb

Catalog #: T6240-10; T6240-50; T6240-200

Also Known as:	Terbium labeled Anti-DYKDDDDK Antibody
Quantity:	T6240-10 (10 µg); T6240-50 (50 µg); T6240-200 (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
Purity:	> 95%
Concentration:	See tube label
Description:	<p>A terbium chelate is covalently conjugated on lysines of the anti-DYKDDDDK mouse monoclonal antibody (clone FG4R). The molar ratio between terbium and antibody in different lots is ~5 - 9.</p> <p>The terbium-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 green fluorescent dyes or proteins, such as fluorescein and green fluorescent protein (GFP).</p>
Storage:	Store at -80°C; Avoid multiple freeze-thaw cycles

