

Terbium-Anti-6X HIS Mouse mAb

Catalog #: T6210-10; T6210-50; T6210-200

Also Known as:	Terbium labeled Anti-6X HIS Antibody
Quantity:	T6210-10 (10 µg); T6210-50 (50 µg); T6210-200 (200 µg)
Species:	Mouse monoclonal
Isotype:	Mouse IgG2b
Clone:	HIS.H8
Immunogen:	HHHHHH (6xHis) 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% NaN ₃
Purity:	>95%
Concentration:	See tube label
Description:	A terbium chelate is covalently conjugated on lysines of the anti-6X HIS mouse monoclonal antibody (clone HIS.H8). The molar ratio between terbium and antibody in different lots is ~5 - 9.

The terbium-anti-6X HIS mouse monoclonal antibody recognizes His-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).

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

