

Europium-Anti-6X HIS Mouse mAb

Catalog #: T6610-10; T6610-50; T6610-200

Also Known as:	Europium labeled Anti-6X HIS Antibody
Quantity:	T6610-10 (10 µg); T6610-50 (50 µg); T6610-200 (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 europium chelate is covalently conjugated on lysines of the anti-6X HIS mouse monoclonal antibody (clone HIS.H8). The molar ratio between europium and antibody in different lots is ~5 - 9.

The europium-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 far-red fluorescent dyes, such as Cy5.

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

