



Anti-fluorescein (FITC) Human Monoclonal Antibody (enhanced), Fc-engineered with Reduced ADCC and CDC

SKU: EAB-006

Recombinant human monoclonal antibody (Clone ID: 4M5.3), expressed in Chinese Hamster Ovary cells (CHO), is capable of binding to fluorescein.

species reactivity	independent
recombinant	expressed in Chinese Hamster Ovary cells (CHO).
applications	WB, Flow Cyt, ELISA
antibody form	affinity purified immunoglobulin
immunogen	hapten fluorescein
clone	4M5.3
purity	>95% (SDS-PAGE)
form	0.015 M PBS, 0.05% NaN ₃ , pH7.2
concentration	~ 2 mg/ml
isotype	human IgG1, k
Fc-engineered	reduced ADCC and CDC

- Store at -20°C. Recombinant monoclonal antibodies are guaranteed stable for 12 months when properly stored.

References:

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2. Kranz, D. M., Herron, J. N. & Voss, E. W., Jr (1982). Mechanisms of ligand binding by monoclonal anti-fluorescyl antibodies. *J. Biol. Chem.* 257, 6987–6995.
3. Midelfort, K.S., Hernandez, H.H., Lippow, S.M., Tidor, B., Drennan, C.L. and Wittrup, K.D. (2004). Substantial Energetic Improvement with Minimal Structural Perturbation in a High Affinity Mutant Antibody. *J. Mol. Biol.* 343, 685–701.
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