

Anti-EPO Reference Antibody (Amgen patent anti-EPO)

Catalog # APR11359

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P01588
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4SP-opti
Calculated MW	21307

Additional Information

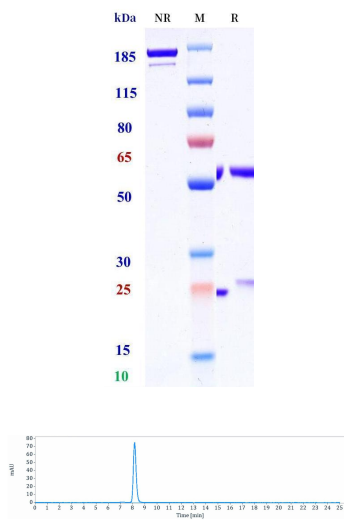
Target/Specificity	EPO
Expression system	CHO

Protein Information

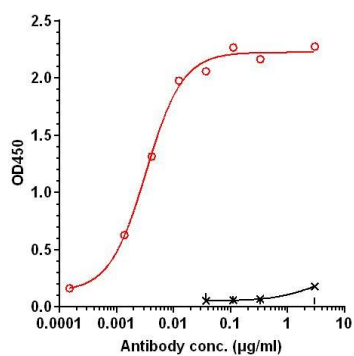
Name	EPO
Function	Hormone involved in the regulation of erythrocyte proliferation and differentiation and the maintenance of a physiological level of circulating erythrocyte mass (PubMed: 28283061). Binds to EPOR leading to EPOR dimerization and JAK2 activation thereby activating specific downstream effectors, including STAT1 and STAT3 (PubMed: 9774108).
Cellular Location	Secreted.
Tissue Location	Produced by kidney or liver of adult mammals and by liver of fetal or neonatal mammals.

Images

Anti-EPO Reference Antibody (Amgen patent anti-EPO) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-EPO Reference Antibody (Amgen patent anti-EPO) is 99.05%, determined by SEC-HPLC.



Immobilized hu-erythropoietin-His at 2 µg/mL can bind Amgen patent anti-EPO, EC50= 0.003299 µg/mL.

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