



Certificate of Analysis

EpCAM/TROP1 Protein, Cynomolgus/Rhesus Macaque (242a.a, HEK293, His)

Cat. No.:	HY-P77588
Batch No.:	213469
Species:	Cynomolgus;Rhesus Macaque
Source:	HEK293
Tag:	C-His
Accession:	Q1WER1 (Q24-K265)
Gene ID:	677680
Molecular Weight:	35-45 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Cynomolgus EpCAM captured on CM5 Chip via Anti-His Antibody can bind Anti-EpCAM Antibody with an affinity constant of 21.40 nM as determined in SPR assay (Biacore T200).	PASS
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

Caution: Product has not been fully validated for medical applications. For research use only.

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