

# Anti-STEAP2 hlgG1 Reference Antibody (AZD0754)

## Product Information

<b>Product Name</b>	Anti-STEAP2 hlgG1 Reference Antibody (AZD0754)
<b>Storage temp.</b>	Store at 2-8°C short term (1-2 weeks).Store at ≤ -20°C long term. Avoid repeated freeze-thaw.
<b>Catalog# / Size</b>	GM-87756MAB-1mg / 1 mg GM-87756MAB-5mg / 5 mg GM-87756MAB-25mg / 25 mg GM-87756MAB-50mg / 50 mg GM-87756MAB-100mg / 100 mg

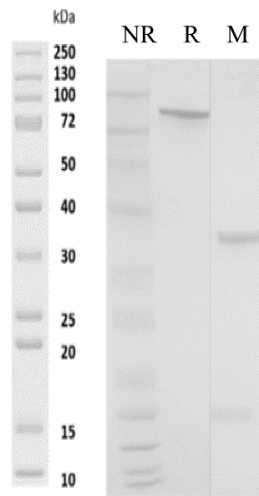
## Antibody Information

<b>Expression System</b>	CHO
<b>Aggregation</b>	< 5% as determined by SEC-HPLC
<b>Purity</b>	> 95% as determined by SDS-PAGE
<b>Endotoxin</b>	< 1 EU/mg, determined by LAL gel clotting assay
<b>Sterility</b>	0.2 μm Filtered
<b>Target</b>	STEAP2
<b>Clone</b>	AZD0754
<b>Alternative Names</b>	IPCA1, PCANAP1, PUMPCn, STAMP1, STMP
<b>Source/Isotype</b>	Human IgG1 D356E/L358M, Kappa
<b>Application</b>	Flow cytometry
<b>Description</b>	This gene is a member of the STEAP family and encodes a multi-pass membrane protein that localizes to the Golgi complex, the plasma membrane, and the vesicular tubular structures in the cytosol. A highly similar protein in mouse has both ferrireductase and cupric reductase activity, and stimulates the cellular uptake of both iron and copper in vitro. Increased transcriptional expression of the human gene is associated with prostate cancer progression. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
<b>Formulation</b>	phosphate-buffered solution, pH 7.4.

Version:3.1

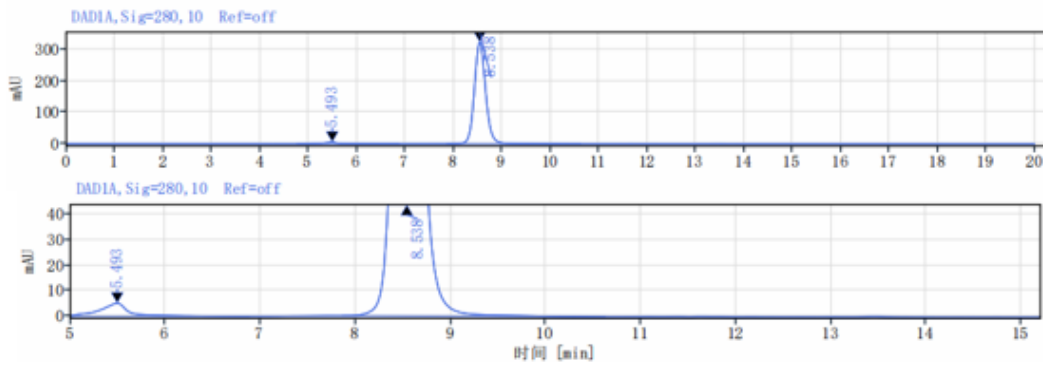
## Data Examples

### SDS-PAGE



On SDS-PAGE under reducing (R)/non-reducing(N-R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

### SEC-HPLC



The purity of this product is more than 95% verified by SEC-HPLC

Flow cytometry

H\_STEAP2(ECD) CHO-K1 Cell Line (Catalog # GM-C37055) was stained with Anti-STEAP2 hIgG1 Reference Antibody (AZD0754) (Catalog # GM-87756MAB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.

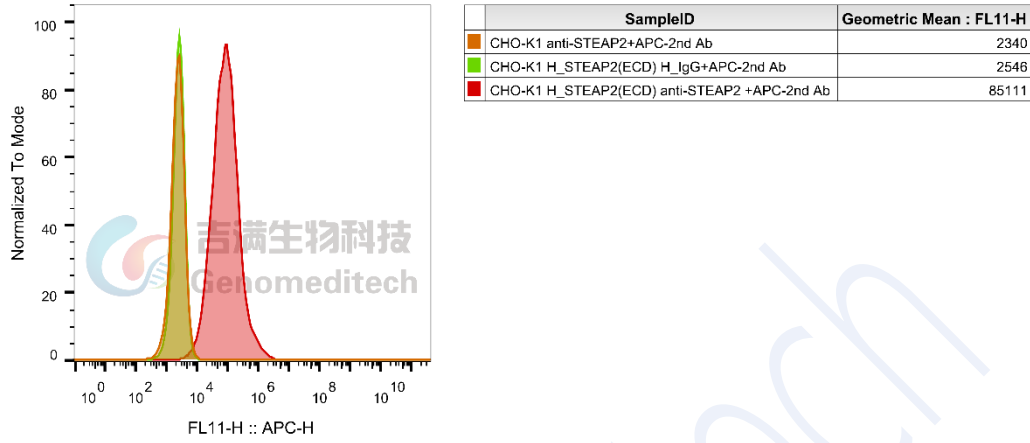


Fig. FACS