Tezepelumab reference antibody

Catalog Number: 176918



Product name

Tezepelumab reference antibody

Specificity

Human TSLP

Antibody description

Anti-TSLP Antibody (Tezepelumab)

Preparation

Recombinant expression and purified from CHO cells.

Formulation

0.1 M Pro-Ac, 20 mM Arg, pH 5.0

Storage

-80°C for 2 years under sterile conditions; -20°C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.

Clonality

Monoclonal

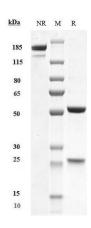
Ig Type

IgG2

Applications

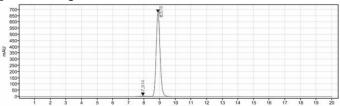
ELISA

Validations



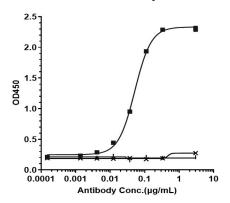
SDS-PAGE

Anti-TSLP Antibody (tezepelumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



SEC-HPLC

The purity of Anti-TSLP Antibody (tezepelumab) is 98.64%, determined by SEC-HPLC.



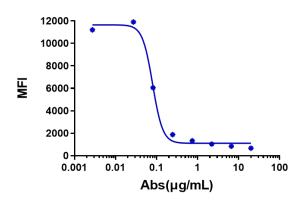
Bioactivity: ELISA

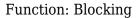
Immobilized human TSLP His at 2 ug/mL can bind Anti-TSLP Antibody (tezepelumab), EC50=0.0518 ug/mL.

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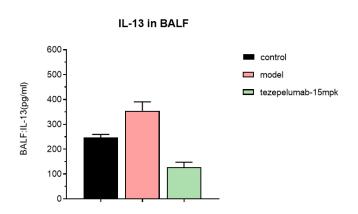
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Anti-TSLP Antibody (tezepelumab)-induced FACS Blocking activity was evaluated using TSLPR/IL7R-CHO-K. The IC50 was approximately 0.0802 ug/mL.



Research in vivo

Tezepelumab reduced levels of IL13 in BALF of OVA asthma model on B-hTSLP/hTSLPR mice. The result showed significant IL13 inhibition effects at 15 mpk.