

## Anti-KLK5/Kallikrein 5 Antibody

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Store at low temperature  
Store at -20°C

Actual storage temperature shall be subject to the COA.

## Biological Description

|               |   |
|---------------|---|
| Description   | Anti-KLK5/Kallikrein 5 Antibody represents a highly specialized monoclonal or bispecific antibody specifically engineered to target the human kallikrein-related peptidase 5 with exceptional binding affinity and selectivity, effectively facilitating the measurable inhibition of excessive epidermal proteolytic activity across various preclinical experimental models to evaluate the restoration of the skin barrier function and the suppression of pro-inflammatory signaling pathways during strictly monitored laboratory observation periods to ensure high experimental sensitivity and accuracy in specialized research environments. |
| Targets(IC50) | Serine Protease   |
| In vitro      | In biochemical assays using recombinant human KLK5, Anti-KLK5/Kallikrein 5 Antibody bound the 170s loop and inhibited protease activity. In human skin models, it blocked IL-8 and TSLP expression [1].   |
| In vivo       | In KLK5-transgenic mouse models, systemic administration of Anti-KLK5/Kallikrein 5 Antibody reduced skin desquamation and erythroderma while lowering transepidermal water loss [1].  |

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481