

For Research Use Only

Cytokeratin 6B Recombinant antibody, PBS Only

Catalog Number: 85423-2-PBS



Basic Information

| | | |
|--------------------------------------|---------------------------------------|--|
| Catalog Number: 85423-2-PBS | GenBank Accession Number: BC034535 | Purification Method: Protein A purification |
| Concentration: 1 mg/ml | GeneID (NCBI): 3854 | CloneNo.: 242874F9 |
| Source: Rabbit | UNIPROT ID: P04259 | |
| Isotype: IgG | Full Name: keratin 6B | |
| Immunogen Catalog Number: AG11288 | Calculated MW: 564 aa, 60 kDa | |
| | Observed MW: 60 kDa | |

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Cytokeratin 6B (CK6B) is a type of intermediate filament protein primarily expressed in certain epithelial cells. Cytokeratin 6B consists of a central α -helical rod domain flanked by non-helical head and tail domains, which is a common structural feature of cytokeratins. CK6B is mainly expressed in the basal and suprabasal layers of stratified epithelia, such as the oral mucosa, esophagus, and conjunctiva. It is also found in some specialized epithelial cells like the hair follicle outer root sheath and the nail matrix. CK6B can serve as a diagnostic marker for certain pathological conditions. Its expression pattern can be used to distinguish between different types of epithelial tumors or to identify specific epithelial cell populations in histopathological studies.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

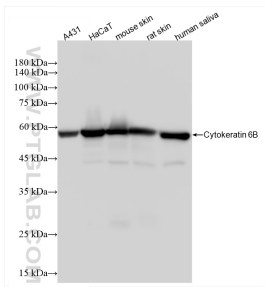
T: 4006900926

E: Proteintech-CN@ptglab.com

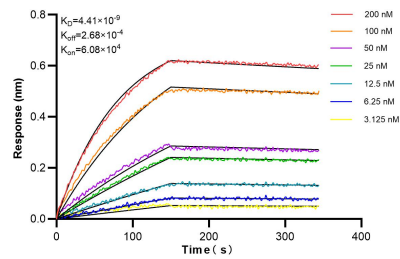
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85423-2-RR (KRT6B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85423-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85423-2-RR against Human Cytokeratin 6B were performed. The affinity constant is 4.41 nM.