媛禧生物科技
- yx Biology -

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Type II Cytokeratins Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# YX35005
Clone# BP6058

Predicted Molecular Wt: 66/65/64/57/62/60/51/54kDa
Species Cross-reactivity: Human
Applications: IHC-P
Purity: ProA affinity purified IgG
Form: Liquid

Background:

The keratins are the typical intermediate filament proteins of epithelia, showing an outstanding degree of molecular diversity. Heteropolymeric filaments are formed by pairing of type I and type II molecules. In humans 54 functional keratin genes exist. They are expressed in highly specific patterns related to the epithelial type and stage of cellular differentiation.

This antibody can detect high molecular weight CK1, CK2, CK3, CK4, CK5, CK6, CK7 and CK8. It is usually used in a cytokeratin cocktail with type I cytokeratins antibody.

Subcellular location:

Cytoplasm

Recommended method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

Immunogen:

Synthetic peptide corresponding to Type II Cytokeratins residues within aa300-400 of Type II Cytokeratins was used as an immunogen.

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage conditions:

-20°C

Storage instructions:

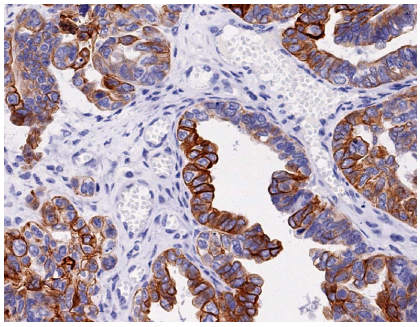
Shipped on blue ice. Upon delivery, aliquot, and store at -20°C. Avoid freeze / thaw cycles.

Recommended Dilutions:

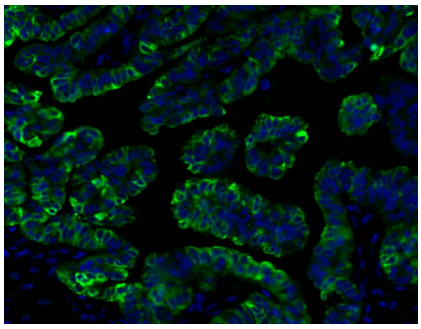
IHC-P: 1:100-1:200

Background References:

1. Spagnolo DV, et al. Am J Clin Pathol. 1985 Dec;84(6):697-704.
2. Eichner R, et al. J Cell Biol. 1984 Apr;98(4):1388-96.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections analysis of human ovarian cancer tissue labelling Type II Cytokeratins with BP6058. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9.0



Fluorescence multiplex immunohistochemical analysis of human ovarian cancer tissue (formalin-fixed paraffin-embedded section). The section was pre-treated using heat mediated antigen retrieval with Tris/EDTA buffer (pH 9.0). Then incubated with YX35005 (green) at 1/600 dilution for 30mins at room temperature, followed by a further incubation with goat anti-mouse +rabbit HRP polymer (Yuanxibio, #A10011-30) at room temperature for 10mins. Then the section was labelled with Neon TSA 520 (Yuanxibio, #D110011) for 10mins. DAPI (blue) was used as a nuclear counter stain.