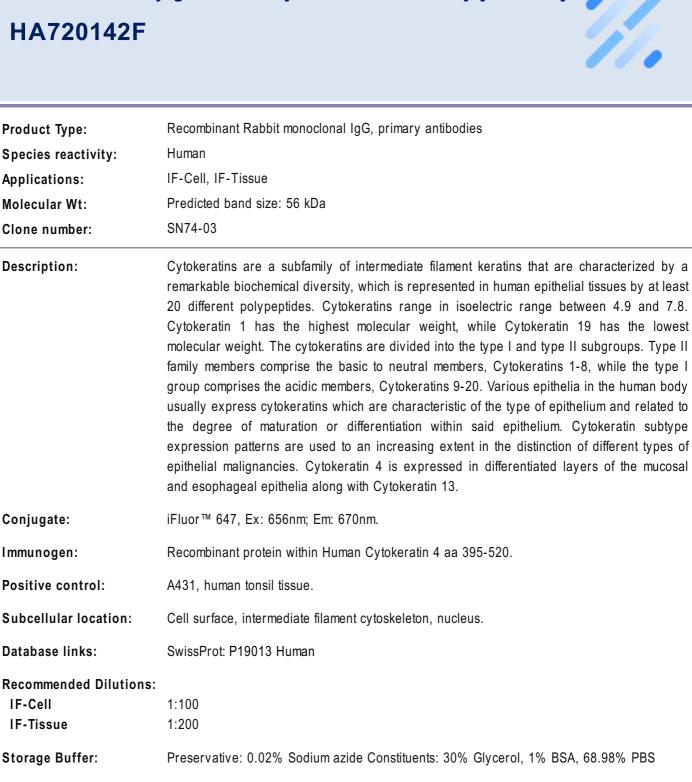
iFluor™ 647 Conjugated Anti-Cytokeratin 4 Antibody [SN74-03]

HA720142F



Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Storage Instruction:

Technical:0086-571-89986345

single-use upon delivery. Store at -20 ℃ long term.

Service mail:support@huabio.cn

Shipped at 4° C. Store at $+4^{\circ}$ C short term (1-2 weeks). It is recommended to aliquot into



Applications:WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation

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Images

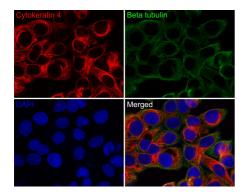


Fig1: Immunocytochemistry analysis of A431 cells labeling Cytokeratin 4 with Rabbit anti-Cytokeratin 4 antibody (HA720142F) at 1/100 dilution.

Cells were fixed in 100% methanol for 10 minutes, permeabilized with 0.1% Triton X-100 in PBS for 15 minutes, and then blocked with 2% normal goat serum for 1 hour at 37° C. Cells were then incubated with Rabbit anti-Cytokeratin 4 antibody (HA720142F, red) at 1/100 dilution in 2% normal goat serum overnight at 4 $^{\circ}$ C. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (M1305-2, green) was stained at 1/200 dilution overnight at $+4^{\circ}$ C. Goat Anti-Mouse IgG H&L (iFluor TM 488, HA1125) was used as the secondary antibody at 1/800 dilution.

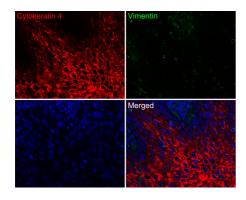


Fig2: Immunofluorescence analysis of paraffin-embedded human tonsil tissue labeling Cytokeratin 4 (HA720142F) and Vimentin (EM0401).

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 10% negative goat serum for 1 hour at room temperature, washed with PBS. And then probed with the primary antibodies Cytokeratin 4 (HA720142F, red) at 1/200 dilution and Vimentin (EM0401, green) at 1/1,000 dilution overnight at 4 $^{\circ}$ C, washed with PBS.

iFluor [™] 488 conjugate-Goat anti-Mouse IgG (HA1125) was used as the secondary antibody at 1/1,000 dilution. DAPI was used as nuclear counterstain.

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Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

Background References

- 1. Jacot TA. et al. Development of a composite measure of product adherence, protocol compliance, and semen exposure using DNA and protein biomarkers for topical HIV prevention studies. PLoS One 9:e114368 (2014).
- 2. Badylak SF. et al. Esophageal preservation in five male patients after endoscopic inner-layer circumferential resection in the setting of superficial cancer: a regenerative medicine approach with a biologic scaffold. Tissue Eng Part A 17:1643-50 (2011).

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Applications:WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Celt=Immunofluorescence (Celt) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation