

# KD-Validated Anti-Intraflagellar transport 88 Rabbit Monoclonal Antibody

*Rabbit monoclonal antibody*

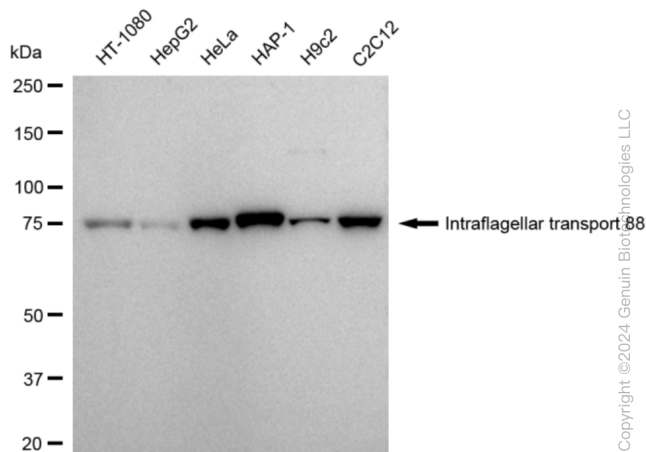
ABG1381

## Product Overview

|                             |                                                                                                              |
|-----------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Name</b>                 | KD-Validated Anti-Intraflagellar transport 88<br>Rabbit Monoclonal Antibody                                  |
| <b>Accession(Primary)</b>   | Q13099                                                                                                       |
| <b>Host Species</b>         | Rabbit                                                                                                       |
| <b>Clonality</b>            | Monoclonal                                                                                                   |
| <b>Isotype</b>              | Rabbit IgG                                                                                                   |
| <b>Immunogen</b>            | A synthesized peptide derived from human IFT88                                                               |
| <b>Species Reactivity</b>   | Human, Mouse, Rat                                                                                            |
| <b>Calculated MW</b>        | Predicted, 94 kDa, observed, 75 kDa                                                                          |
| <b>Storage Buffer</b>       | Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.                                    |
| <b>Recommended Dilution</b> | Western Blotting (WB): 1:1,000-1:5,000 Flow<br>Cytometry (FCM): 1:2,000 Immunocytochemistry<br>(IC): 1:1,000 |

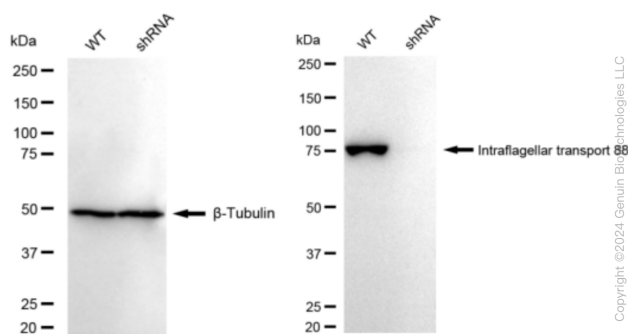
## Target information (Q13099)

|                          |                                                                                                                                                                                                                                                                |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | IFT88                                                                                                                                                                                                                                                          |
| <b>About Gene Symbol</b> | IFT88 (Intraflagellar Transport 88) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate |



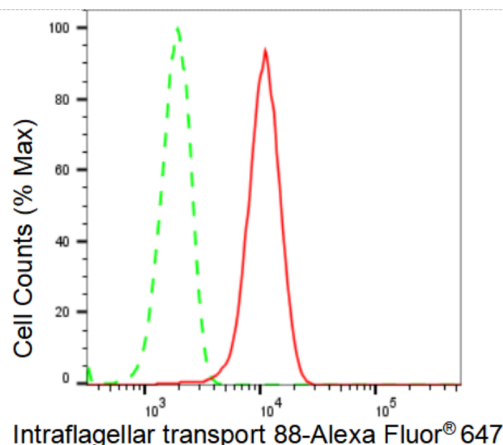
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Western blotting analysis using anti-Intraflagellar transport 88 antibody (Cat#ABG1381). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Intraflagellar transport 88 antibody (Cat#ABG1381, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



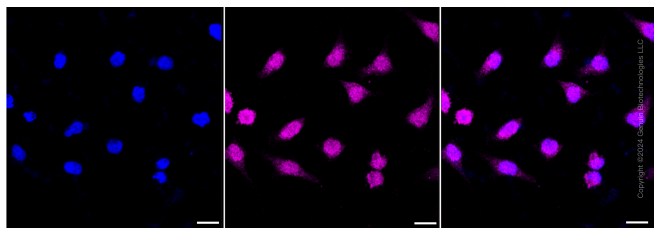
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Western blotting analysis using anti-Intraflagellar transport 88 antibody (Cat#ABG1381). Intraflagellar transport 88 expression in wild type (WT) and Intraflagellar transport 88 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Intraflagellar transport 88 antibody (Cat#ABG1381, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Intraflagellar transport 88 expression in HeLa cells using Intraflagellar transport 88 antibody (Cat#ABG1381, 1:2,000). Green, isotype control; red, Intraflagellar transport 88.



Immunocytochemical staining of HeLa cells with Intraflagellar transport 88 antibody (Cat#ABG1381, 1:1,000). Nuclei were stained blue with DAPI; Intraflagellar transport 88 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20  $\mu$ m.