

**ARG44440**  
anti-IFT52 antibodyPackage: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes IFT52
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Target Name	IFT52
Species	Human
Immunogen	Human IFT52 recombinant protein
Conjugation	Un-conjugated
Alternate Names	IFT52; Intraflagellar Transport 52; NGD5; C20orf9; CGI-53; NGD2; Intraflagellar Transport Protein 52 Homolog; Protein NGD5 Homolog

### Application Instructions

Application table	Application	Dilution
	FACS	1-3 µg/1x10 <sup>6</sup> cells
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

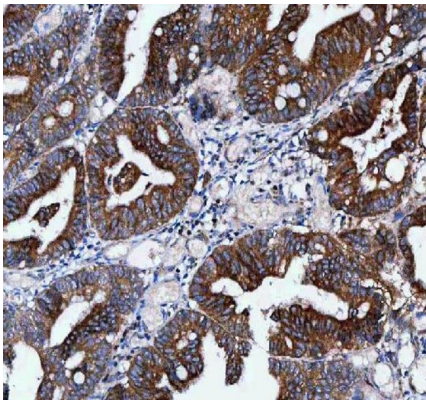
### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

## Bioinformation

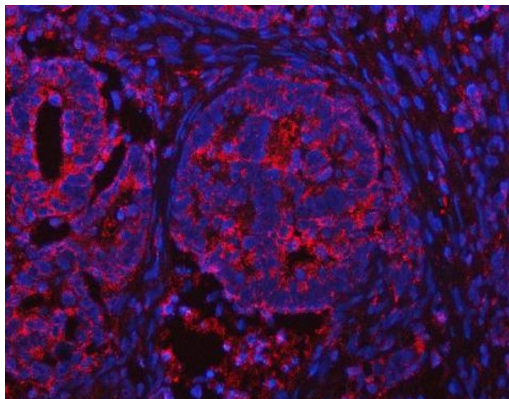
Gene Symbol	IFT52
Gene Full Name	Intraflagellar Transport 52
Background	This gene encodes a conserved proline-rich protein that is a component of the intraflagellar transport-B (IFT-B) core complex. The encoded protein is essential for the integrity of the IFT-B core complex, and for biosynthesis and maintenance of cilia. Mutations in this gene are associated with ciliopathy that affects the skeleton.
Function	Involved in ciliogenesis as part of a complex involved in intraflagellar transport (IFT), the bi-directional movement of particles required for the assembly, maintenance and functioning of primary cilia.
Calculated Mw	50 kDa
Cellular Localization	Cell projection, Cilium

## Images



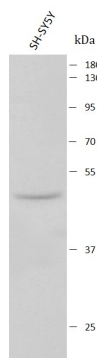
ARG44440 anti-IFT52 antibody IHC-P image

Immunohistochemistry: Human colorectal adenocarcinoma stained with ARG44440 anti-IFT52 antibody at 2 µg/mL dilution.



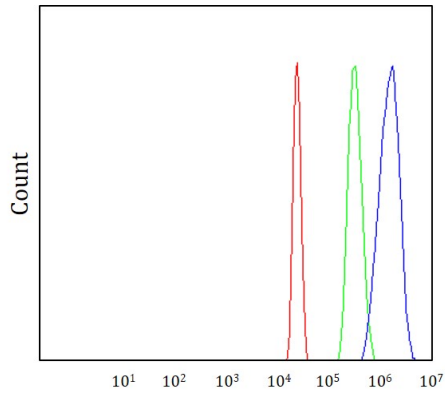
ARG44440 anti-IFT52 antibody IHC-P image

Immunohistochemistry: Human intestinal cancer stained with ARG44440 anti-IFT52 antibody at 5 µg/mL dilution.



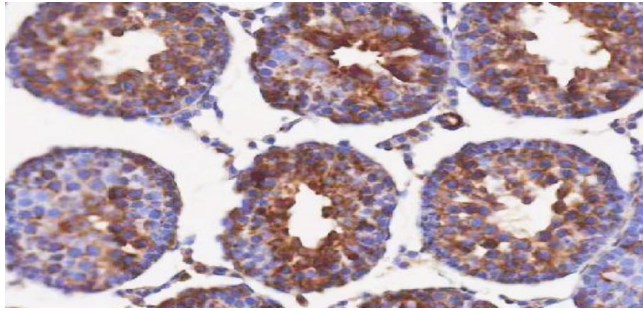
ARG44440 anti-IFT52 antibody WB image

Western blot: SH-SY5Y stained with ARG44440 anti-IFT52 antibody at 0.5 µg/mL dilution.



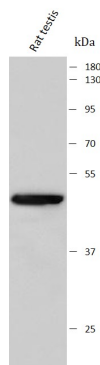
#### ARG44440 anti-IFT52 antibody FACS image

Flow Cytometry: HepG2 stained with ARG44440 anti-IFT52 antibody at 1 µg/10<sup>6</sup> cells dilution.



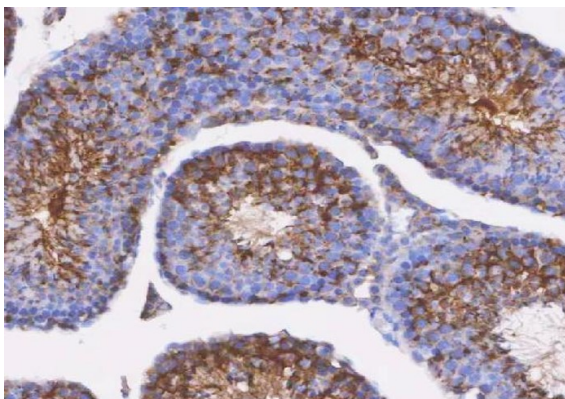
#### ARG44440 anti-IFT52 antibody IHC-P image

Immunohistochemistry: Rat testis stained with ARG44440 anti-IFT52 antibody at 2 µg/mL dilution.



#### ARG44440 anti-IFT52 antibody WB image

Western blot: Rat testis stained with ARG44440 anti-IFT52 antibody at 0.5 µg/mL dilution.



#### ARG44440 anti-IFT52 antibody IHC-P image

Immunohistochemistry: Mouse testis stained with ARG44440 anti-IFT52 antibody at 2 µg/mL dilution.

ARG44440 anti-IFT52 antibody WB image

Western blot: Mouse testis stained with ARG44440 anti-IFT52 antibody at 0.5  $\mu\text{g}/\text{mL}$  dilution.

