

ARG44440 anti-IFT52 antibody

Package: 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
Isotype	IgG
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 ⁶ 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.	

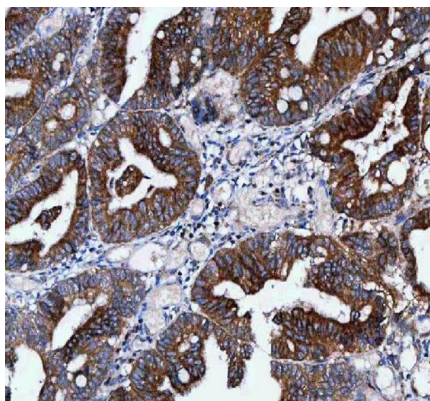
Properties

Form	Liquid
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 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

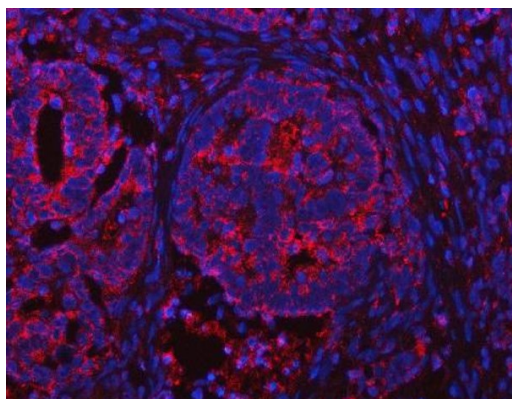
Gene Symbol	IFT52
Gene Full Name	Intraflagellar Transport 52
Background	This gene encodes a conserved proline-rich protein that is a component of the intraflagellar transport-B (IFT-B) core complex. The encoded protein is essential for the integrity of the IFT-B core complex, and for biosynthesis and 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



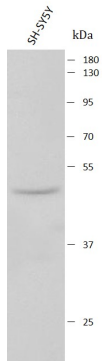
ARG44440 anti-IFT52 antibody IHC-P image

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



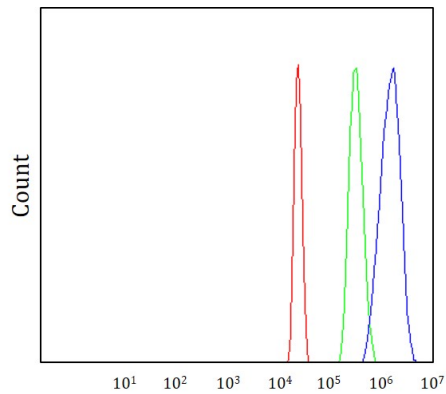
ARG44440 anti-IFT52 antibody IHC-P image

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



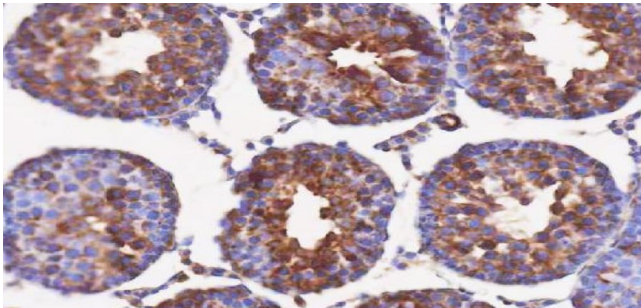
ARG44440 anti-IFT52 antibody WB image

Western blot: SH-SY5Y stained with ARG44440 anti-IFT52 antibody at 0.5 $\mu\text{g}/\text{mL}$ dilution.



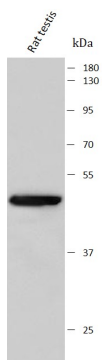
ARG44440 anti-IFT52 antibody FACS image

Flow Cytometry: HepG2 stained with ARG44440 anti-IFT52 antibody at 1 $\mu\text{g}/10^6$ cells dilution.



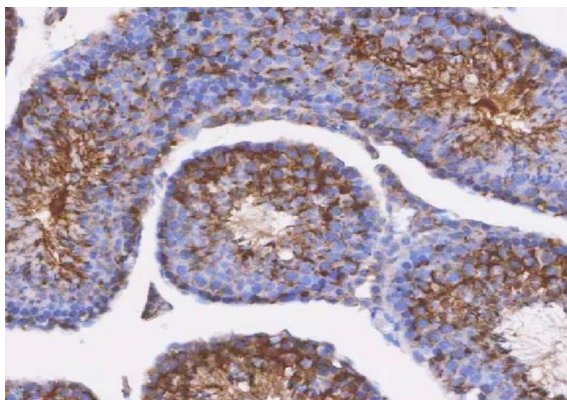
ARG44440 anti-IFT52 antibody IHC-P image

Immunohistochemistry: Rat testis stained with ARG44440 anti-IFT52 antibody at 2 $\mu\text{g}/\text{mL}$ dilution.



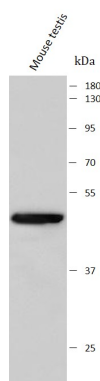
ARG44440 anti-IFT52 antibody WB image

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



ARG44440 anti-IFT52 antibody IHC-P image

Immunohistochemistry: Mouse testis stained with ARG44440 anti-IFT52 antibody at 2 $\mu\text{g}/\text{mL}$ 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.