ARG44763
anti-TXNDC5 / EndoPDI antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes TXNDC5 / EndoPDI
Tested Reactivity	Hu
Tested Application	IHC-P, IP, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Target Name	TXNDC5 / EndoPDI
Species	Human
Conjugation	Un-conjugated
Alternate Names	HCC2; ERp46; Thioredoxin domain-containing protein 5; HCC-2; Thioredoxin-like protein p46; UNQ364; ER protein 46; ERP46; PDIA15; ENDOPDI; STRF8; Endoplasmic reticulum resident protein 46

Application Instructions

Application table

Application	Dilution
IHC-P	5 µg/mL
IP	10 µg/mL
WB	1 µg/mL

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

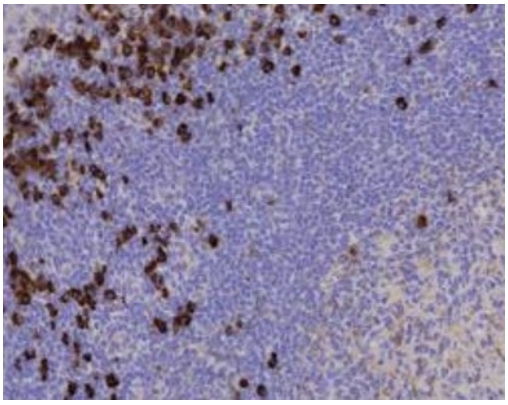
Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	TXNDC5

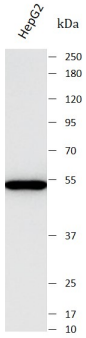
Gene Full Name	thioredoxin domain containing 5 (endoplasmic reticulum)
Background	This gene encodes a protein-disulfide isomerase. Its expression is induced by hypoxia and its role may be to protect hypoxic cells from apoptosis. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the neighboring upstream MUTED (muted homolog) gene. [provided by RefSeq, Dec 2010]
Function	Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha chain. TUBB3 plays a critical role in proper axon guidance and mantainance. [UniProt]
Calculated Mw	50 kDa
PTM	N-glycosylation enhances cell surface expression and lengthens receptor half-life by preventing degradation in the ER.

Images



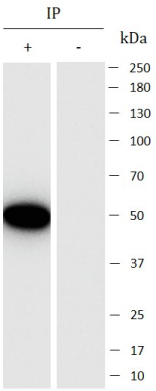
ARG44763 anti-TXNDC5 / EndoPDI antibody IHC-P image

Immunohistochemistry: Human tonsil stained with ARG44763 anti-TXNDC5 / EndoPDI antibody at 5 µg/mL dilution.



ARG44763 anti-TXNDC5 / EndoPDI antibody WB image

Western blot: HepG2 stained with ARG44763 anti-TXNDC5 / EndoPDI antibody at 1 µg/mL dilution.



ARG44763 anti-TXNDC5 / EndoPDI antibody IP image

Immunoprecipitation: HepG2 lysate immunoprecipitated with 2.5 µg of ARG44763 anti-TXNDC5 / EndoPDI antibody.