

Product datasheet for **TA305974**

DR5 (TNFRSF10B) Rabbit Polyclonal Antibody

Product data:

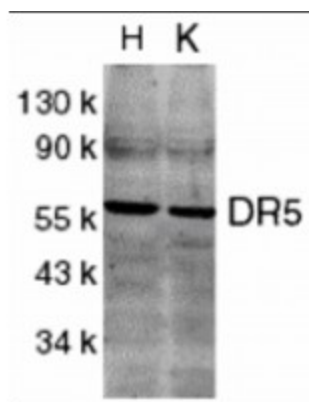
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 2 ug/mL, ICC: 5 ug/mL, IF: 10 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	DR5 antibody was raised against a peptide corresponding to 20 amino acids near the carboxy terminus of human DR5 precursor. The immunogen is located within the last 50 amino acids of DR5.
Formulation:	PBS containing 0.02% sodium azide.
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	tumor necrosis factor receptor superfamily member 10b
Database Link:	AF012535 Entrez Gene 8795 Human O14763
Background:	Apoptosis is induced by certain cytokines including TNF and Fas ligand in the TNF family through their death domain containing receptors. TRAIL/Apo2L is a new member of the TNF family. DR4 was recently identified as the receptor for TRAIL. A novel death domain containing receptor for TRAIL was more recently identified and designated DR5, Apo2, TRAIL-R2, TRICK2, or KILLER by several groups independently (1-7). Like DR4, DR5 transcript is widely expressed in normal tissues and in many types of tumor cells. DR5 binds to TRAIL and mediates TRAIL induced cell death. Overexpression of DR5 induces apoptosis and activates NF-kappaB.



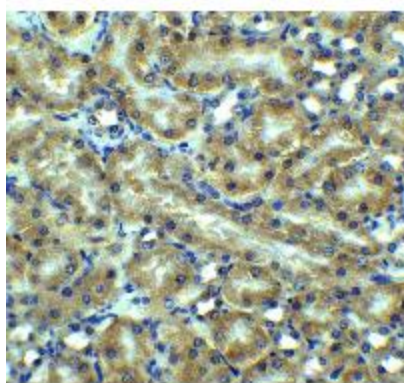
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Synonyms: CD262; DR5; KILLER; TRAIL-R2; TRAILR2; TRICK2; TRICK2A; TRICK2B; TRICKB; ZTNFR9

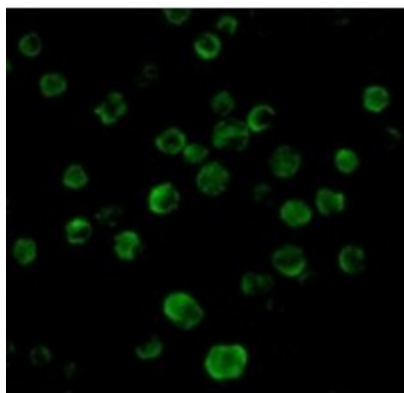
Product images:



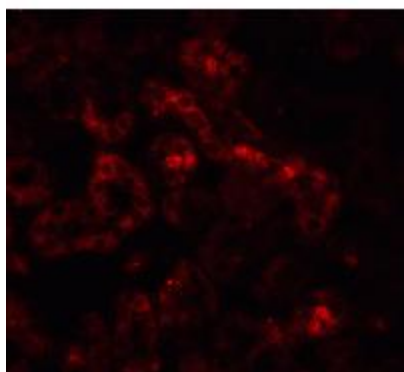
Western blot analysis of DR5 in HeLa (H) and K562 (K) cell lysates with DR5 antibody at 2ug/ml.



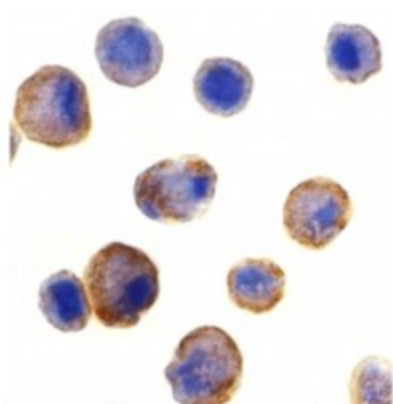
Immunohistochemistry of DR5 in mouse kidney tissue with DR5 Antibody at 5ug/ml.



Immunofluorescence of DR5 in HeLa cells with DR5 antibody at 20ug/ml.



Immunofluorescence of DR5 in mouse kidney tissue with DR5 Antibody at 20ug/ml.



Immunocytochemistry of DR5 in HeLa cells with DR5 antibody at 5ug/ml.