



Rabbit Anti-DcR3 antibody

SL23737R

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| Product Name: | DcR3 |
| Chinese Name: | 诱捕受体3抗体 |
| Alias: | DcR3; Decoy Receptor 3; Decoy receptor for Fas ligand; DJ583P15.1.1; M68; OTTHUMP00000031583; TNF6B_HUMAN; TNFRSF6B; TR6; Tumor necrosis factor receptor superfamily member 6B; M68; Tumor necrosis factor receptor superfamily member 6b decoy; UNQ186/PRO212. |
| Organism Species: | Rabbit |
| Clonality: | Polyclonal |
| React Species: | Human,Dog,Cow,Sheep, |
| Applications: | WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight: | 30kDa |
| Cellular localization: | Secretory protein |
| Form: | Lyophilized or Liquid |
| Concentration: | 1mg/ml |
| immunogen: | KLH conjugated synthetic peptide derived from human DcR3:51-150/300 |
| Lsotype: | IgG |
| Purification: | affinity purified by Protein A |
| Storage Buffer: | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage: | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| PubMed: | PubMed |
| Product Detail: | Apoptosis is induced by certain cytokines including TNF and Fas ligand in the TNF family through their death domain containing receptors. Several novel members in the TNFR family including DR3, DR4, DR5, and DR6 were recently discovered and function as cell death receptors. Two decoy receptors, DcR1 and DcR2, were recently |

identified to compete with DR4 and DR5 for their ligand TRAIL binding. A novel decoy receptor was more recently discovered and designated DcR3 and TR6, respectively. Unlike DcR1 and DcR2, DcR3 is a soluble rather than a membrane-associated molecule. DcR3 binds to FasL and LIGHT and inhibits FasL and LIGHT induced apoptosis. DcR3 transcript is expressed in a number of lung and colon carcinomas and in some normal tissues.

Function:

Decoy receptor that can neutralize the cytotoxic ligands TNFSF14/LIGHT, TNFSF15 and TNFSF6/FASL. Protects against apoptosis.

Subcellular Location:

Secreted.

Tissue Specificity:

Detected in fetal lung, brain and liver. Detected in adult stomach, spinal cord, lymph node, trachea, spleen, colon and lung. Highly expressed in several primary tumors from colon, stomach, rectum, esophagus and in SW480 colon carcinoma cells.

Similarity:

Contains 4 TNFR-Cys repeats.

SWISS:

O95407

Gene ID:

8771

Database links:

[Entrez Gene: 8771](#) Human

[Omin: 603361](#) Human

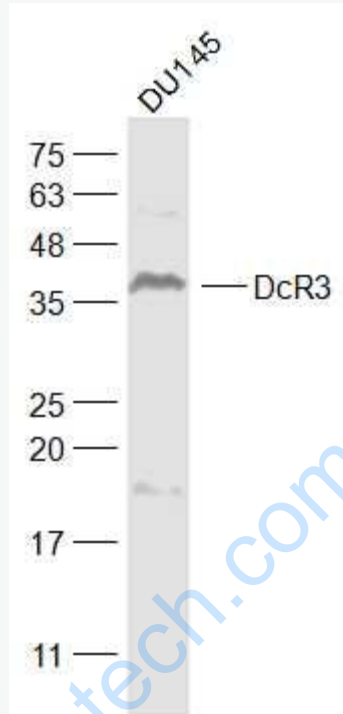
[SwissProt: O95407](#) Human

[Unigene: 434878](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

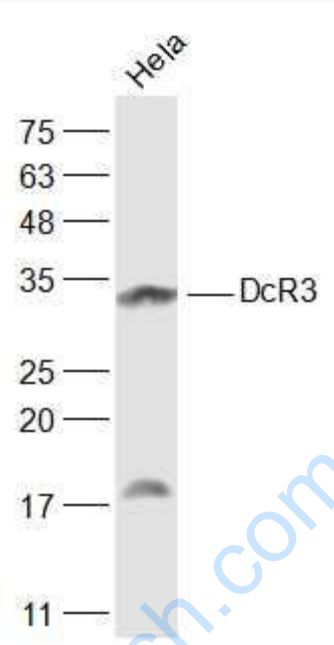
DU145(Human) Cell Lysate at 30 ug

Primary: Anti-DcR3 (SL23737R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 30 kD

Observed band size: 37 kD



Sample:

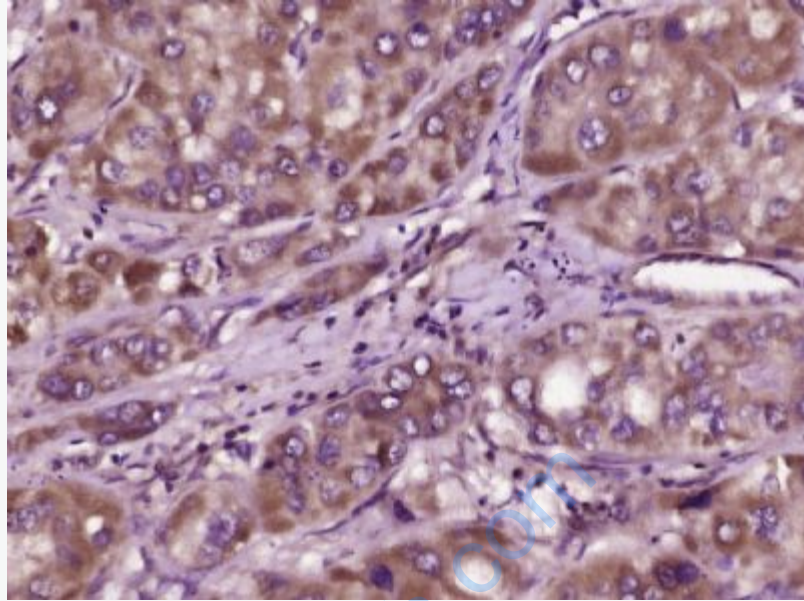
HeLa(Human) Cell Lysate at 30 ug

Primary: Anti-DcR3 (SL23737R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 30 kD

Observed band size: 32 kD



Paraformaldehyde-fixed, paraffin embedded (human liver carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DcR3) Polyclonal Antibody, Unconjugated (SL23737R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.