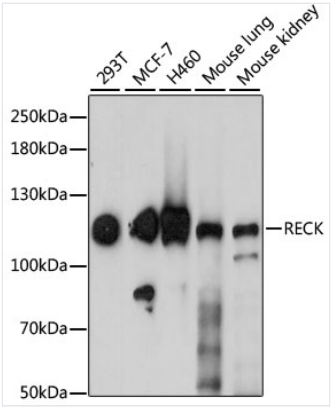
# RECK Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | RECK, Polyclonal Antibody |
| **Full Product Name** | RECK |
| **Product Gene Name** | anti-RECK antibody |
| **Clonality** | Polyclonal |
| **Host** | Rabbit |
| **Species Reactivity** | Human, Mouse, Rat |
| **Form/Format** | PBS with 0.09% Sodium azide,50% glycerol,pH7.3. |
| **Molecular Weight** | 971 |
| **OMIM** | 605227 |
| **3D Structure** | ModBase 3D Structure for O95980 |
| **Species** | Human |
| **Immunogen** | Recombinant Protein |
| **Product Categories/Family for anti-RECK antibody** | Polyclonal |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-RECK antibody** | Western Blot (WB), Immunohistochemistry (IHC) |
| **Related Product Information for anti-RECK antibody** | MBS9127176 is an antibody targeting RECK. Reactive in Human, Mouse, Rat. Host: Rabbit. |
| **Other Notes** | Small volumes of anti-RECK antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |




**Western Blot (WB) of anti-RECK antibody**
Western blot analysis of extracts of various cell lines, using RECK antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (MBS128200) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Enhanced Kit.Exposure time: 60.

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RECK. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 20178043 |
| **NCBI GeneID** | 8434 |
| **NCBI Accession #** | O95980.1 |
| **UniProt Primary Accession #** | O95980 |
| **UniProt Secondary Accession #** | Q5W0K6; Q8WX37; B2RNS1 |
| **UniProt Related Accession #** | O95980 |
| **NCBI Official Full Name** | Reversion-inducing cysteine-rich protein with Kazal motifs |
| **NCBI Official Synonym Full Names** | reversion-inducing-cysteine-rich protein with kazal motifs |
| **NCBI Official Symbol** | RECK |
| **NCBI Official Synonym Symbols** | ST15 |
| **UniProt Protein Name** | Reversion-inducing cysteine-rich protein with Kazal motifs |
| **UniProt Synonym Protein Names** | Suppressor of tumorigenicity 15 protein |
| **Protein Family** | Reversion-inducing cysteine-rich protein |
| **UniProt Gene Name** | RECK |
| **UniProt Synonym Gene Names** | ST15; hRECK |
| **UniProt Entry Name** | RECK_HUMAN |
| **NCBI Protein Information** | reversion-inducing cysteine-rich protein with Kazal motifs; suppressor of tumorigenicity 15 protein; membrane-anchored glycoprotein (metastasis and invasion); suppression of tumorigenicity 5 (reversion-inducing-cysteine-rich protein with kazal motifs); suppression of tumorigenicity 15 (reversion-inducing-cysteine-rich protein with kazal motifs) |
| **NCBI Summary for RECK** | The protein encoded by this gene is a cysteine-rich, extracellular protein with protease inhibitor-like domains whose expression is suppressed strongly in many tumors and cells transformed by various kinds of oncogenes. In normal cells, this membrane-anchored glycoprotein may serve as a negative regulator for matrix metalloproteinase-9, a key enzyme involved in tumor invasion and metastasis. [provided by RefSeq, Jul 2008] |
| **UniProt Comments for RECK** | RECK: Negatively regulates matrix metalloproteinase-9 (MMP-9) by suppressing MMP-9 secretion and by direct inhibition of its enzymatic activity. RECK down-regulation by oncogenic signals may facilitate tumor invasion and metastasis. Appears to also regulate MMP-2 and MT1-MMP, which are involved in cancer progression. Interacts with MMP-9. Expressed in various tissues and untransformed cells. It is undetectable in tumor-derived cell lines and oncogenically transformed cells.<br><br>Protein type: Membrane protein, GPI anchor; Tumor suppressor<br><br>Chromosomal Location of Human Ortholog: 9p13.3<br><br>Cellular Component: membrane; plasma membrane<br><br>Molecular Function: serine-type endopeptidase inhibitor activity; metalloendopeptidase inhibitor activity; protein binding; endopeptidase inhibitor activity<br><br>Biological Process: extracellular matrix organization and biogenesis; blood vessel maturation; embryo implantation |
| **Research Articles on RECK** | **1.** Our data suggest that miR-96 might promote the growth and motility of NSCLC cells partially by targeting RECK. |

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| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
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