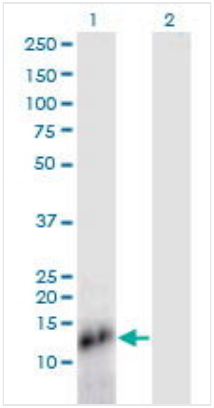
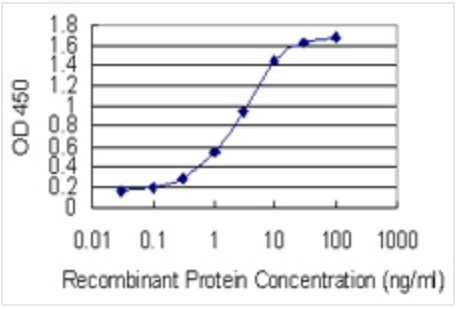
# SPRR4 Antibody – Mouse Monoclonal

## PRODUCT OVERVIEW

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| **Product Name** | SPRR4, Monoclonal Antibody |
| **Full Product Name** | SPRR4 (Small Proline-Rich Protein 4, MGC138375, MGC138377) (APC) |
| **Product Gene Name** | anti-SPRR4 antibody |
| **Product Synonym Names** | Small Proline-Rich Protein 4; MGC138375; MGC138377 |
| **Clonality** | Monoclonal |
| **Isotype** | IgG1,k |
| **Clone Number** | 1G5 |
| **Host** | Mouse |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC). |
| **Purity/Purification** | Purified |
| **Specificity** | Recognizes SPRR4. |
| **Preparation and Storage** | Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap. |
| **Molecular Weight** | 8,793 Da |
| **3D Structure** | ModBase 3D Structure for Q96PI1 |
| **Immunogen** | SPRR4 (NP_775103.1, 1aa-79aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD. |
| **Immunogen Sequence** | MSSQQQQRQQQQCPPQRAQQQQVKQPCQPPPVKCQETCAPKTKDPCAPQVKKQCPPKGTIIPAQQKCPSAQQASKSKQK |
| **Conjugate** | APC |
| **Product Categories/Family for anti-SPRR4 antibody** | Antibodies; Proline-rich Proteins |
| **Applications Tested/Suitable for anti-SPRR4 antibody** | Western Blot (WB) |
| **Application Notes for anti-SPRR4 antibody** | Applications are based on unconjugated antibody. |
| **Related Product Information for anti-SPRR4 antibody** | MBS6169880 is an antibody targeting SPRR4. Also known as SPRR4 (Small Proline-Rich Protein 4, MGC138375, MGC138377) (APC). Host: Mouse. Mouse monoclonal antibody raised against a full-length recombinant SPRR4. |
| **Other Notes** | Small volumes of anti-SPRR4 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-SPRR4 antibody**
Western Blot analysis of SPRR4 expression in transfected 293T cell line by SPRR4 monoclonal antibody (M04), clone 1G5.Lane 1: SPRR4 transfected lysate (Predicted MW: 8.80000000 KDa).Lane 2: Non-transfected lysate.




**Testing Data of anti-SPRR4 antibody**
Detection limit for recombinant GST tagged SPRR4 is 0.03 ng/ml as a capture antibody.

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SPRR4. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 27436869 |
| **NCBI GeneID** | 163778 |
| **NCBI Accession #** | NP_775103.1 |
| **UniProt Primary Accession #** | Q96PI1 |
| **UniProt Secondary Accession #** | Q2M1Y7; Q5T522 |
| **UniProt Related Accession #** | Q96PI1 |
| **GenBank Nucleotide #** | NM_173080.1 |
| **NCBI Official Full Name** | small proline-rich protein 4 |
| **NCBI Official Synonym Full Names** | small proline-rich protein 4 |
| **NCBI Official Symbol** | SPRR4 |
| **UniProt Protein Name** | Small proline-rich protein 4 |
| **Protein Family** | Small proline-rich protein |
| **UniProt Gene Name** | SPRR4 |
| **UniProt Entry Name** | SPRR4_HUMAN |
| **NCBI Protein Information** | small proline-rich protein 4; small proline rich protein 4 |
| **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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