



# TRY6 mouse mAb

|                    |   |
|--------------------|---|
| Catalog No         | BYmab-09134   |
| Isotype            | IgG   |
| Reactivity         | Human;Rat;Mouse;  |
| Applications       | WB  |
| Gene Name          | TRY6 T6   |
| Protein Name       | TRY6  |
| Immunogen          | Synthesized peptide derived from human TRY6 AA range: 21-71   |
| Specificity        | This antibody detects endogenous levels of TRY6 at Human  |
| Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| Source             | Monoclonal, Mouse,IgG   |
| Purification       | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  |
| Dilution           | WB 1:500-2000   |
| Concentration      | 1 mg/ml   |
| Purity             | ≥90%  |
| Storage Stability  | -20°C/1 year  |
| Synonyms           |   |
| Observed Band      |   |
| Cell Pathway       | Secreted .  |
| Tissue Specificity | Overexpressed in metastasing in non small cell lung tumors, leading to an enhanced cell migration.  |
| Function           | catalytic activity:Preferential cleavage: Arg-[Xaa, Lys-[Xaa.,caution:Tyr-154 was proposed to be phosphorylated (PubMed:8683601) but it has been shown (PubMed:17087724) to be sulfated instead. Phosphate and sulfate groups are similar in mass and size, and this can lead to erroneous interpretation of the results.,cofactor:Binds 1 calcium ion per subunit.,disease:Defects in PRSS1 are a cause of hereditary pancreatitis (HPC) [MIM:167800]; also known as chronic pancreatitis (CP). HPC is an autosomal dominant disease characterized by the presence of calculi in pancreatic ducts. It causes severe abdominal pain attacks.,function:Has activity against the synthetic substrates Boc-Phe-Ser-Arg-Mec, Boc-Leu-Thr-Arg-Mec, Boc-Gln-Ala-Arg-Mec and Boc-Val-Pro-Arg-Mec. The single-chain form is more active than the two-chain form against all of these substrates.,mass spectrometry: |

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PubMed:8683601,PTM:Occ

## Background

Although this locus appears to encode a protein similar to trypsinogen, the locus is thought to be a transcribed pseudogene. ESTs support its transcription, but expression of its predicted protein has not been observed. Its predicted protein sequence differs significantly from the known functional trypsinogens, including a different amino acid at the conserved residue 122 which is important for autolysis. This pseudogene and several other trypsinogen genes are localized to the T cell receptor beta locus on chromosome 7. [provided by RefSeq, Jul 2008],

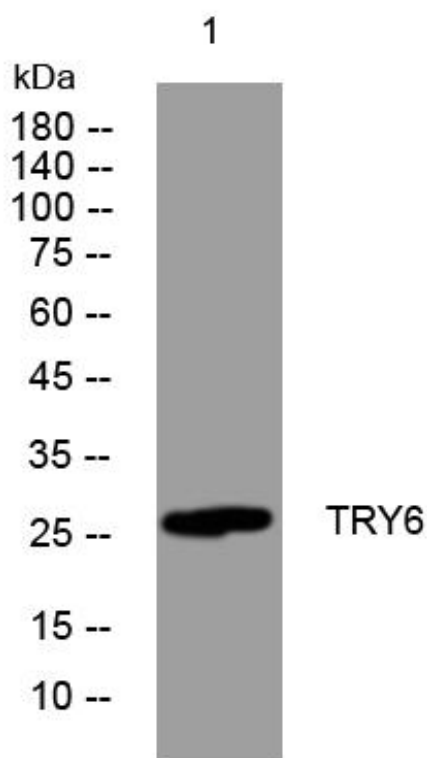
## matters needing attention

Avoid repeated freezing and thawing!

## Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using TRY6 mouse mAb

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网址: [www.njbybio.com](http://www.njbybio.com)

官方热线: 025-5229-8998

监督电话: 15950492658