

## Xanthine Oxidase Rabbit mAb

Catalog No: #52656

Package Size: #52656-1 50ul #52656-2 100ul

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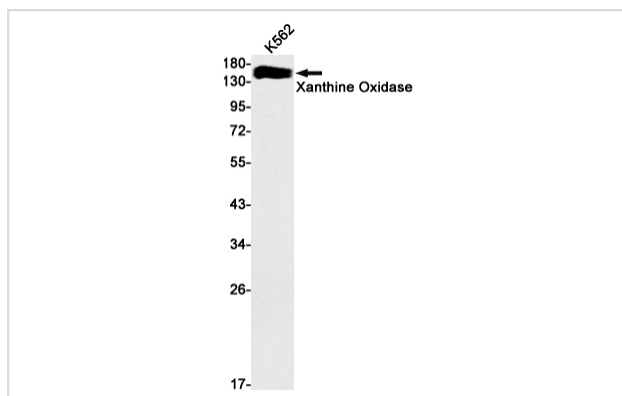
## Description

Product Name	Xanthine Oxidase Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S07-1D5
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human Xanthine Oxidase
Conjugates	Unconjugated
Modification	Unmodification
Other Names	XO; XOR; XAN1
Accession No.	Swiss-Prot:P47989GenelD:7498
Uniprot	P47989
GenelD	7498
Calculated MW	Calculated MW: 146 kDa; Observed MW: 146 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Application Details

WB: 1/1000

## Images



Western blot detection of Xanthine Oxidase in K562 cell lysates using Xanthine Oxidase Rabbit mAb(1:1000 diluted).Predicted band size:146kDa.Observed band size:146kDa.

## Background

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Swiss-Prot Acc.P47989.Key enzyme in purine degradation. Catalyzes the oxidation of hypoxanthine to xanthine. Catalyzes the oxidation of xanthine to uric acid. Contributes to the generation of reactive oxygen species. Has also low oxidase activity towards aldehydes (in vitro).

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Note: This product is for in vitro research use only