

Xanthine Oxidase Rabbit mAb

Catalog No: #59823

Package Size: #59823-1 50ul #59823-2 100ul

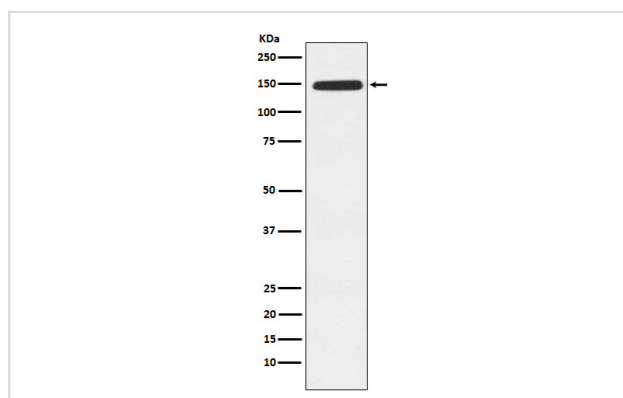
Description

Product Name	Xanthine Oxidase Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC
Species Reactivity	Human Mouse Rat
Specificity	Xanthine Oxidase Antibody detects endogenous levels of total Xanthine Oxidase
Immunogen Description	A synthesized peptide derived from human Xanthine Oxidase
Other Names	Xanthine dehydrogenase; Xanthine oxidase; Xanthine oxidoreductase; XD; XDH; xdha; XO; xor;
Accession No.	Uniprot:P47989
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB 1:500~1:2000 IHC 1:50~1:200

Images



Western blot analysis of Xanthine Oxidase expression in 293T cell lysate.

Background

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).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.