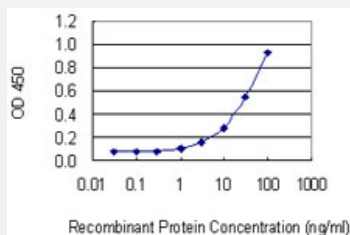


# SULF2 monoclonal antibody (M01), clone 2H5

Catalog # H00055959-M01

Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SULF2 is 0.3 ng/ml as a capture antibody.

## Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant SULF2.
Immunogen	SULF2 (AAH20962, 1 a.a. ~ 149 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MPGLTCFTHDNQHWQTAPFWTLGPFCACTSANNNTYWCMRTINETHNFLFCEFATGFLEYFDLN TDPYQLMNAVNTLDRDVLNQLHVQLMELRSCKGYKQCNPRTNMDLGLKDGGSYEQYRQFQRR KWPEMKRPSSKSLGQLWEGWEG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (93)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SULF2 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — SULF2

Entrez GeneID	<a href="#">55959</a>
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GeneBank Accession#	<a href="#">BC020962</a>
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Protein Accession#	<a href="#">AAH20962</a>
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Gene Name	SULF2
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Gene Alias	DKFZp313E091, FLJ90554, HSULF-2, KIAA1247, MGC126411
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Gene Description	sulfatase 2
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Omim ID	<a href="#">610013</a>
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Gene Ontology	<a href="#">Hyperlink</a>
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Gene Summary	Heparan sulfate proteoglycans (HSPGs) act as coreceptors for numerous heparin-binding growth factors and cytokines and are involved in cell signaling. Heparan sulfate 6-O-endosulfatases, such as SULF2, selectively remove 6-O-sulfate groups from heparan sulfate. This activity modulates the effects of heparan sulfate by altering binding sites for signaling molecules (Dai et al., 2005 [PubMed 16192265]).[supplied by OMIM]
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Other Designations	OTTHUMP00000031223 extracellular sulfatase SULF-2
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