



Anti-SULF1 monoclonal antibody (DCABH-13663)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description 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 SULF1, 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]).

Immunogen A synthetic peptide of human SULF1 is used for rabbit immunization.

Isotype IgG

Source/Host Rabbit

Species Reactivity Human

Purification Protein A

Conjugate Unconjugated

Applications Western Blot (Transfected lysate); ELISA

Buffer In 1x PBS, pH 7.4

Preservative None

Storage Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [SULF1 sulfatase 1 \[Homo sapiens \]](#)

Official Symbol	SULF1
Synonyms	SULF1; sulfatase 1; extracellular sulfatase Sulf-1; KIAA1077; SULF 1; sulfatase FP; SULF-1; HSULF-1; FLJ30905; FLJ38022; FLJ41750;
Entrez Gene ID	23213
Protein Refseq	NP_001121676
UniProt ID	A0A024R809
Chromosome Location	8q13.1
Function	N-acetylglucosamine-6-sulfatase activity; N-acetylglucosamine-6-sulfatase activity; arylsulfatase activity; arylsulfatase activity; calcium ion binding; hydrolase activity;