



Mouse Anti-Sulfonamides monoclonal antibody, clone SF1 (DMAB88404M)

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

PRODUCT INFORMATION

Specificity	Cross reactivity: Sulfa pmethoxypyrimidine: 100%; Sulfa quinoxaline: 100%; Phthalocyanine thiazole: 100%; Sulfamethoxine: 60%; Benzamide sulfonamide: 60%; Sulfamethoxazole (sulfamethoxazole): 60%; sulfamethazine: 42.9%; Sulfamethoxazole: 42.9%; Sulfonamide: 42.9%; sulfamethoxazole: 42.9%; sulfamethoxazole: 30%; Sulfamethoxazole: 30%; Sulfadiazine: 20%; Sulfa pyridazine: 20%; Sulfadoxine: 20%; Sulfonamide Chloropyridazine: 20%; Sulfamethoxazole: 20%; Sulfonamide Acetyl: 20%; Sulfonaphthalene: 20%; Sulfamethoxypyrimidine: 15%; Sulfa / sulfamethoxazole: 15%; Sulfamethoxazole: 15%; Sulfasalazine: 15%; sulfonamides: 15%; Sulfamethoxazole: 10%; Sulfa pyridine: 6%; Sulfamethoxazole: 4.3%; Sulfa thiazole: 2%;
Immunogen	Sulfonamide with carrier protein.
Isotype	IgG
Source/Host	Mouse
Species Reactivity	N/A
Clone	SF1
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	ELISA, LFIA
Format	Liquid
Concentration	Lot specific

Size	100 µg, 1 mg
Buffer	PBS
Preservative	None
Storage	Long time storage is recommended at -20°C.
Ship	Wet ice

BACKGROUND

Introduction	Sulfonamide or sulphonamide is the basis of several groups of drugs. The original antibacterial sulfonamides (sometimes called sulfa drugs or sulpha drugs) are synthetic antimicrobial agents that contain the sulfonamide group. Some sulfonamides are also devoid of antibacterial activity, e.g., the anticonvulsant sultiame. The sulfonylureas and thiazide diuretics are newer drug groups based on the antibacterial sulfonamides.
Keywords	Sulfonamides;1;3-Difluoro-5-methylsulfonylbenzene;3;5-Difluoro-1-(methylsulfonyl)benzene;2-Chloro-1-fluoro-4-methylsulfonylbenzene