

HSD11B1 Conjugated Antibody

Catalog No: #C49713



Package Size: #C49713-AF350 100ul #C49713-AF405 100ul #C49713-AF488 100ul

#C49713-AF555 100ul #C49713-AF594 100ul #C49713-AF647 100ul

#C49713-AF680 100ul #C49713-AF750 100ul #C49713-Biotin 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	HSD11B1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	11 beta HSD 1 antibody 11 beta HSD1 antibody 11 beta hydroxysteroid dehydrogenase 1 antibody 11 DH antibody 11-beta hydroxysteroid dehydrogenase, type 1 antibody 11-beta-HSD1 antibody 11-beta-hydroxysteroid dehydrogenase 1 antibody 11-DH antibody 11DH antibody Corticosteroid 11 beta dehydrogenase isozyme 1 antibody Corticosteroid 11-beta-dehydrogenase isozyme 1 antibody CORTRD2 antibody DH11_HUMAN antibody HDL antibody HSD 11 antibody HSD11 antibody HSD11B antibody HSD11B1 antibody HSD11L antibody Hydroxysteroid (11 beta) dehydrogenase antibody Hydroxysteroid (11 beta) dehydrogenase 1 antibody MGC13539 antibody SDR26C1 antibody short chain dehydrogenase/reductase family 26C, member 1 antibody
Accession No.	Swiss-Prot#:P28845
Uniprot	P28845
GeneID	3290;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	32 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

HSD11B1(Corticosteroid 11-beta-dehydrogenase isozyme 1) is also named as HSD11, HSD11L, 11-DH and 11-beta-HSD1. It is a microsomal enzyme, which acts mainly as a NADP(H)- dependent reductase converting inactive cortisone (E) to active cortisol (F), thus regulating intracellular F access to glucocorticoid receptor. This enzyme is widely expressed not only in liver and adipose tissue, but also in adrenal, ovary and decidua. Western blot analysis in human liver, using a specific 11-beta-HSD1 antibody, showed two bands at approximately 34 and 68 kDa confirming the dimeric nature of 11-beta-HSD1 in liver and In omental adipose tissue, an additional band of 50 kDa was strongly expressed.

Note: This product is for in vitro research use only