

Anti-11-Deoxycortisol [CET-M8] Standard Size Ab00402-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: CET-M8

Alternative Name(s) of Target: Cortodoxone; 17-hydroxy-11-deoxycorticosterone; 17alpha,21-dihydroxyprogesterone; cortexolone

UniProt Accession Number of Target Protein:

Published Application(s): RIA, ELISA

Published Species Reactivity: n/a

Immunogen: 4-(2-carboxyethylthio)-11-deoxycortisol linked to bovine serum albumin.

Specificity: Binds specifically to 11-deoxycortisol. No cross-reactivity with cortisol or cortisone.

Application Notes: The antibody binds specifically to 11-Deoxycortisol, a glucocorticoid steroid hormone which can be oxygenated to cortisol. The monoclonal antibody recognises the functional groups at C-11 and C-21 in the steroid portion of 11-deoxycortisol, and can be useful in determining plasma levels of deoxycortisol in the metyrapone test in the diagnosis of Cushing's syndrome and adrenal insufficiency.

Antibody First Published in: Hosoda et al. Production and Specificity of a Monoclonal Anti-11-deoxycortisol Antibody. CChem Pharm Bull (Tokyo). 1986 Jul;34(7):2914-8. [PMID:3769092](#)

Note on publication: Describes the generation of a monoclonal antibody against 11-deoxycortisol and studies on its specificity and cross-reactivity.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration:

1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.