

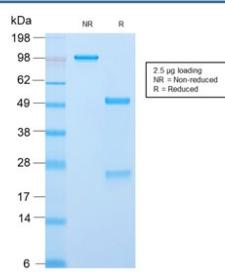
## Recombinant CLIP Antibody / ACTH [clone CLIP/2859R] (V8018)

Catalog No.	Formulation	Size
V8018-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8018-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8018SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Recombinant RABBIT MONOCLONAL

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	CLIP/2859R
Purity	Protein A affinity chromatography
UniProt	P01189
Applications	ELISA (order BSA-free Format For Coating) :
Limitations	This recombinant CLIP antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free recombinant CLIP antibody (clone CLIP/2859R) as confirmation of integrity and purity.

### Description

ACTH (same as Corticotropin) is a 39 amino acid active peptide produced by the anterior pituitary. This MAb is specific to CLIP (aa25-39 of ACTH); does not react with Synacthen (aa1-24 of ACTH). POMC (pro-opiomelanocortin or corticotropin-

lipotropin) is a 267 amino acid polypeptide hormone precursor that goes through extensive, tissue-specific posttranslational processing by convertases. POMC is cleaved into ten hormone chains named NPP, ACTH, alpha-MSH (Melanocyte Stimulating Hormone), beta-MSH, gamma-MSH, CLIP (corticotropin-like intermediary peptide), Lipotropin-beta, Lipotropin-gamma, beta-endorphin and Met-enkephalin. ACTH is also produced by cells of immune system (T-cells, B-cells, and macrophages) in response to stimuli associated with stress. Anti-ACTH is a useful marker in classification of pituitary tumors and the study of pituitary disease. It reacts with ACTH-producing cells (corticotrophs). It also may react with other tumors (e.g. some small cell carcinomas of the lung) causing paraneoplastic syndromes by secreting ACTH.

## Application Notes

Optimal dilution of the recombinant CLIP antibody should be determined by the researcher.

## Immunogen

Amino acids 25-39 (NGAEDESAEAFFPLEF) from human ACTH were used as the immunogen for this recombinant CLIP antibody.

## Storage

Store the recombinant CLIP antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).