For Research Use Only
CoraLite®594-conjugated BRD8
Monoclonal antibody
Catalog Number:CL594-60121 Featured Product

| Basic Information | Catalog Number: CL594-60121 | GenBank Accession Number: BC008039 | Purification Method: Protein G purification |
| :---: | :---: | :---: | :---: |
|  | Size: | GeneID (NCBI): | CloneNo.: |
|  | 100ul , Concentration: $1000 \mu \mathrm{~g} / \mathrm{ml}$ by | 10902 | 5B6D6 |
|  | Nanodrop; | Full Name: | Recommended Dilutions: |
|  | Source: | bromodomain containing 8 | IF 1:50-1:500 |
|  | Mouse | Calculated MW: | Excitation/Emission maxima |
|  | Isotype: | 120 kDa | wavelengths: |
|  | IgG1 | Observed MW: | $593 \mathrm{~nm} / 614 \mathrm{~nm}$ |
|  | Immunogen Catalog Number: | 120 kDa |  |
|  | AG0790 |  |  |
| Applications | Tested Applications: | Positive Controls: |  |
|  | IF | IF : HepG2 cells, |  |
|  | Species Specificity: human |  |  |

Background Information BRD8 is one of the bromodomain-containing proteins, which is an acetylated lysine- binding domain and thought to be involved in regulation of protein acetylation and/or HAT (histone acetyl transferase) activity [PMID: 12963728]. It is also reported to be an accessory subunit of NuA4 HAT complex (also known as TRRAP/TIP60 complex) through biochemical purification [PMID: 16049979]. In addition, it can bind to thyroid hormone receptor-ß and/or retinoidX receptor, and can act as a coactivator of the nuclear hormone receptor-mediated transcription in reporter assays [PMID: 10517671].

Storage
Storage:
Store at $-20^{\circ} \mathrm{C}$. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50\% Glycerol, 0.05\% Proclin300, 0.5\% BSA, pH 7.3.
Aliquoting is unnecessary for $-20^{\circ} \mathrm{C}$ storage
*** 20ul sizes contain 0.1\% BSA

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data


Immunofluorescent analysis of (4\% PFA) fixed HepG2 cells using CL594-60121 (BRD8 antibody) at dilution of 1:100.

