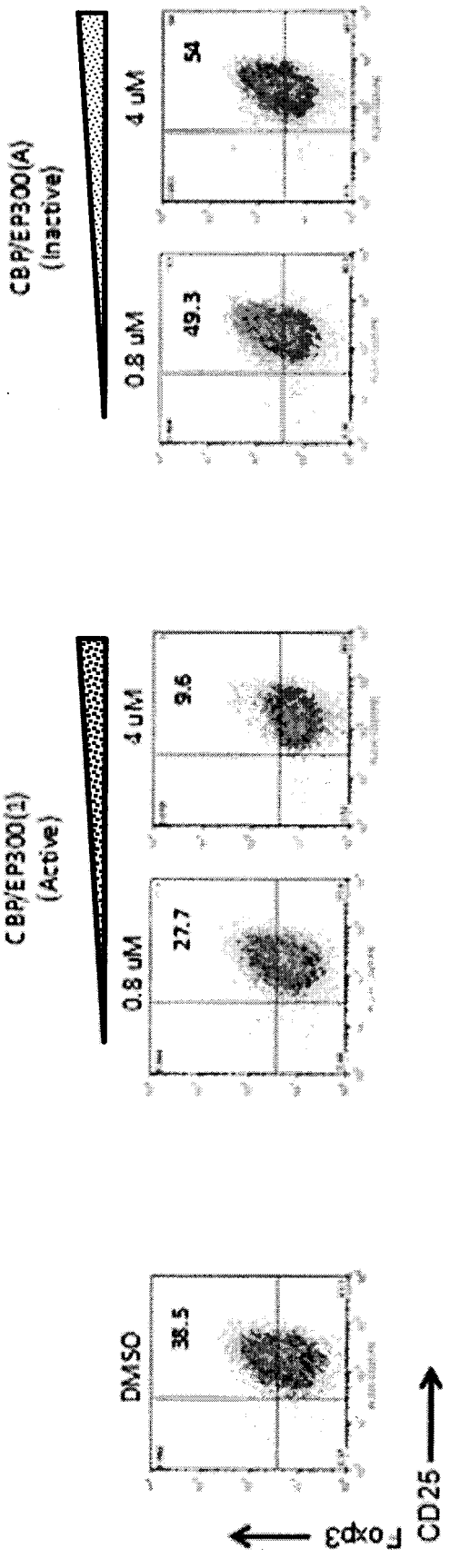

CBP/EP300(A)
(Inactive)
4 uM
0.8 uM
54
49.3
CBP/EP300(1)
(Active)
4 uM
0.8 uM
9.6
27.7
DMSO
38.5
Foxp3
CD25

Figure 1

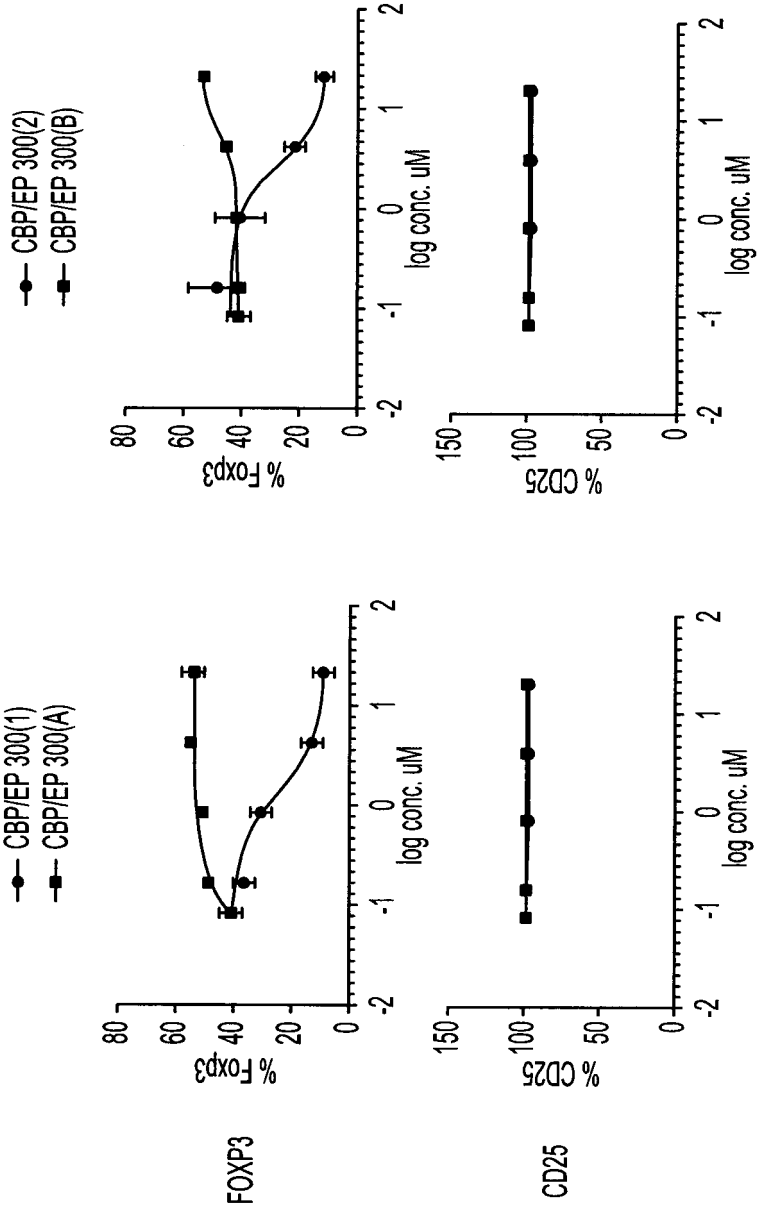

CBP/EP 300(2)
CBP/EP 300(B)
% Foxp3
log conc. uM
% CD25
log conc. uM
CBP/EP 300(1)
CBP/EP 300(A)
% Foxp3
log conc. uM
% CD25
log conc. uM
FOXP3
CD25

Figure 2

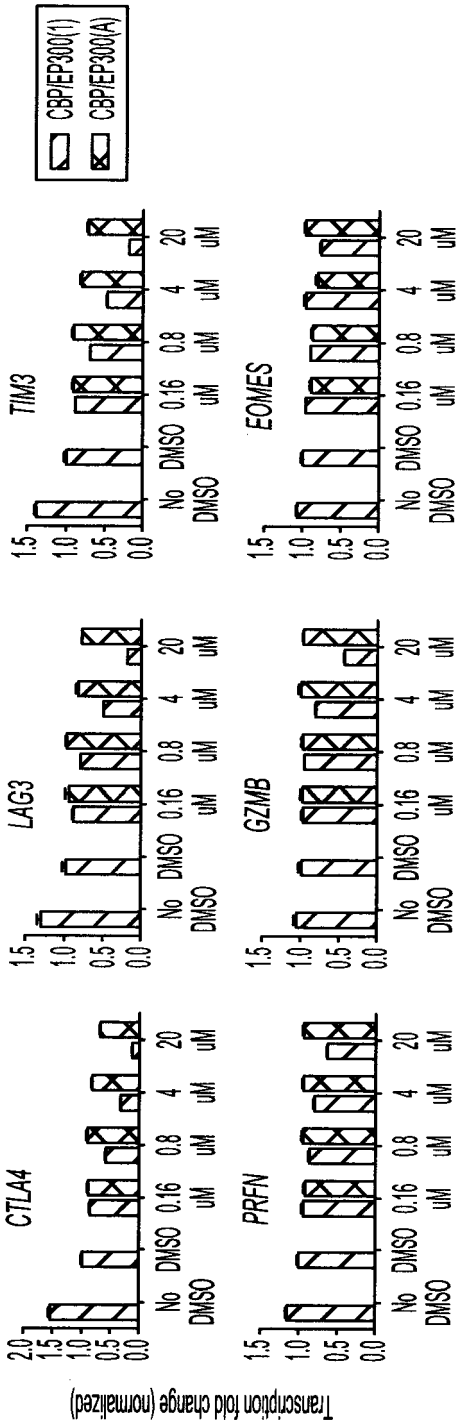

CBP/EP300(1)
CBP/EP300(A)
TIM3
EOMES
LAG3
GZMB
CTLA4
PRFN
Transcription fold change (normalized)
No DMSO
DMSO
0.16 0.8 4 20
uM

Figure 3

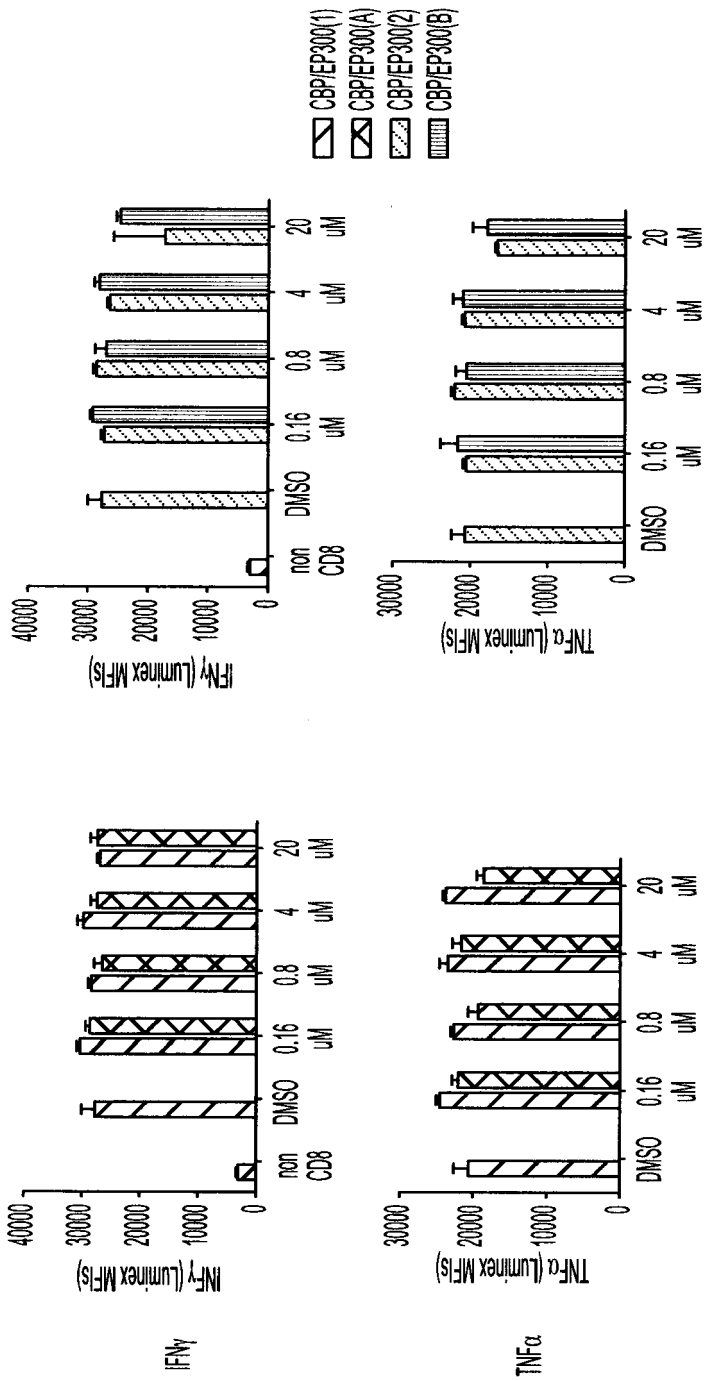

CBP/EP300(1)
CBP/EP300(A)
CBP/EP300(2)
CBP/EP300(B)
IFNγ (Luminex MFIs)
TNFα (Luminex MFIs)
non CD8
DMSO
0.16 uM
0.8 uM
4 uM
20 uM
IFNγ
TNFα

Figure 4

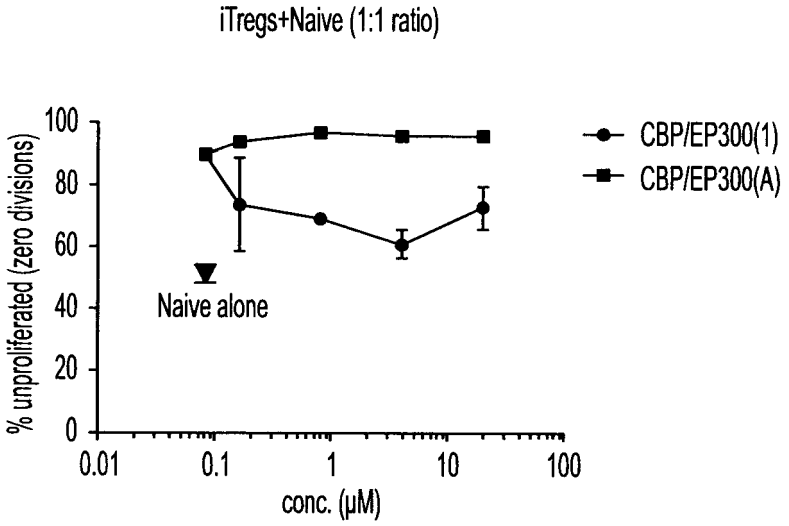

iTregs+Naive (1:1 ratio)
% unproliferated (zero divisions)
100
80
60
40
20
0
0.01
0.1
1
10
100
conc. (μM)
Naive alone
CBP/EP300(1)
CBP/EP300(A)

Figure 5

Figure 6

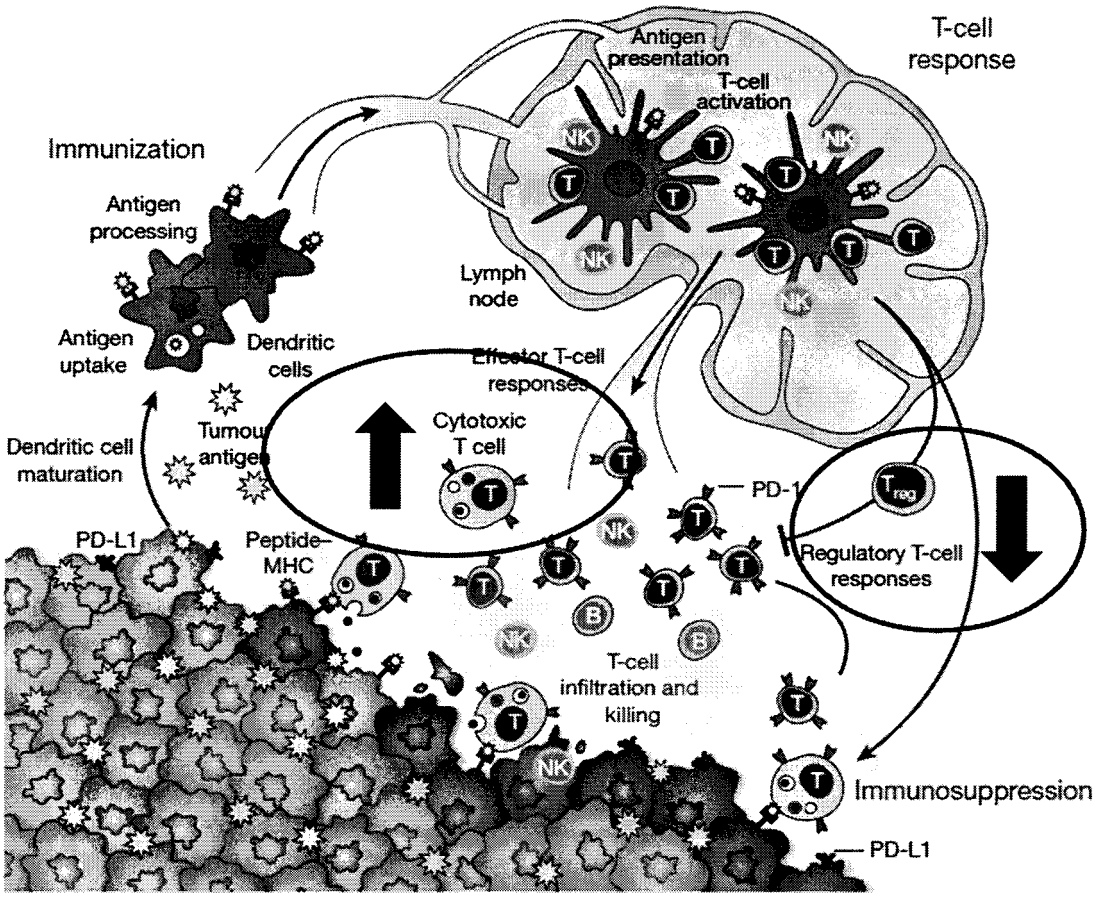
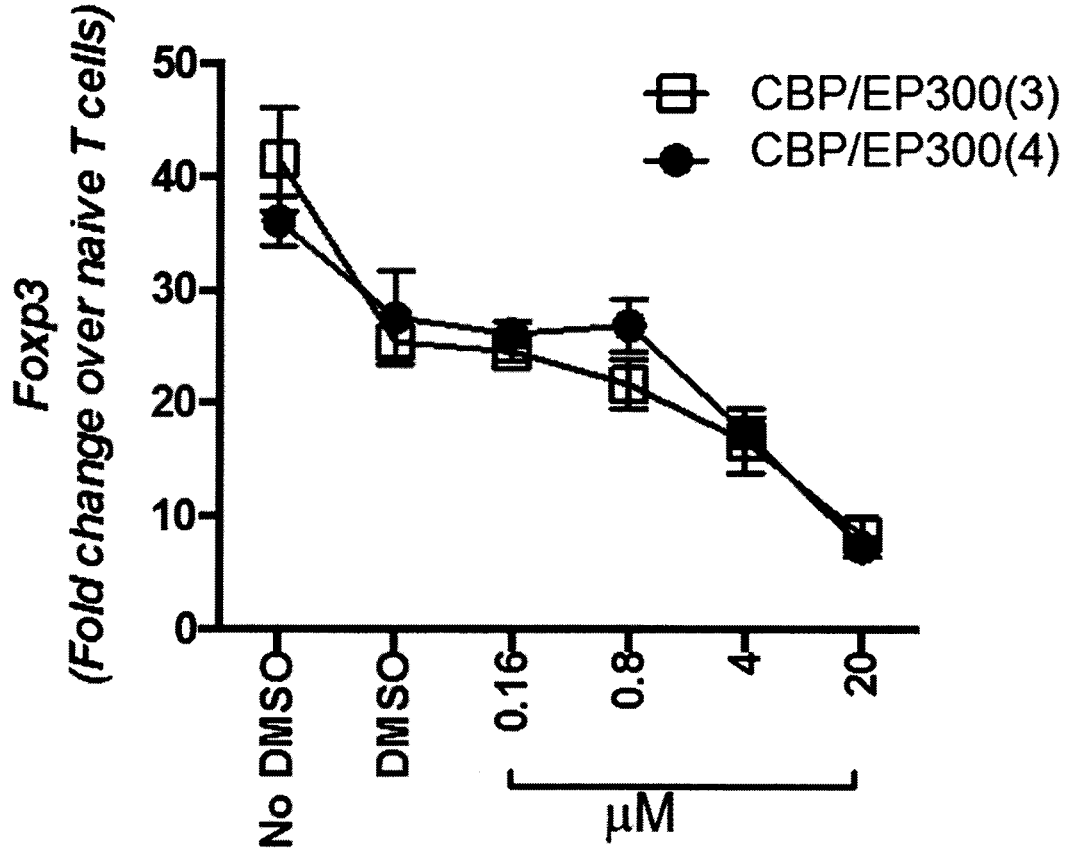

Antigen presentation
T-cell activation
T-cell response
Immunization
Antigen processing
Lymph node
Antigen uptake
Dendritic cells
Effector T-cell responses
Cytotoxic T cell
Tumou antige
Dendritic cell maturation
PD-1
PD-L1
Peptide–MHC
Regulatory T-cell responses
T-cell infiltration and killing
Immunosuppression
PD-L1

Figure 7


Foxp3
(Fold change over naive T cells)
50
40
30
20
10
0
CBP/EP300(3)
CBP/EP300(4)
No DMSO
DMSO
0.16
0.8
4
20
μM

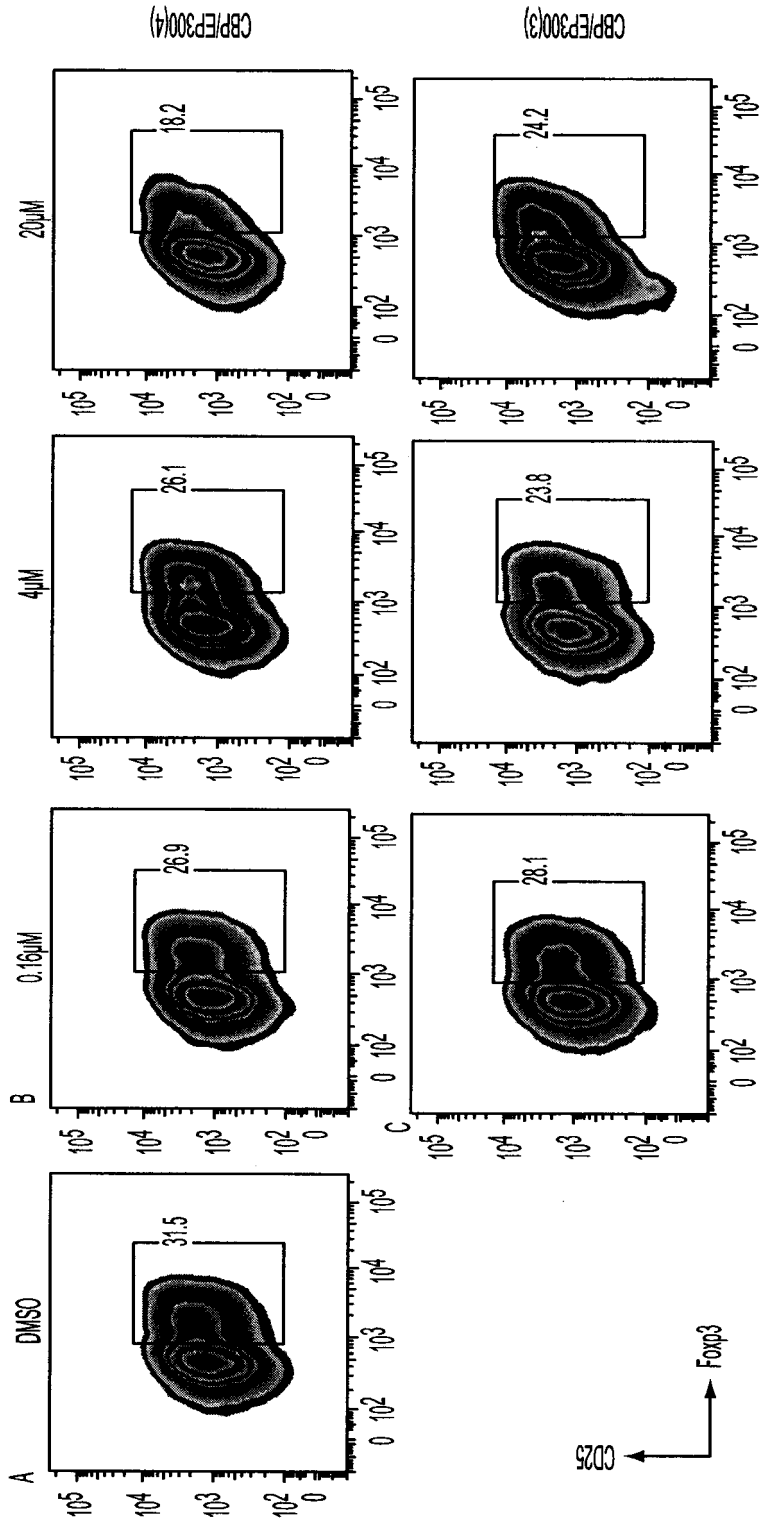

CBP/EP300(4)
CBP/EP300(3)
20μM
4μM
0.16μM
DMSO
A
B
C
31.5
26.9
26.1
18.2
28.1
23.8
24.2
CD25
Foxp3

Figure 8

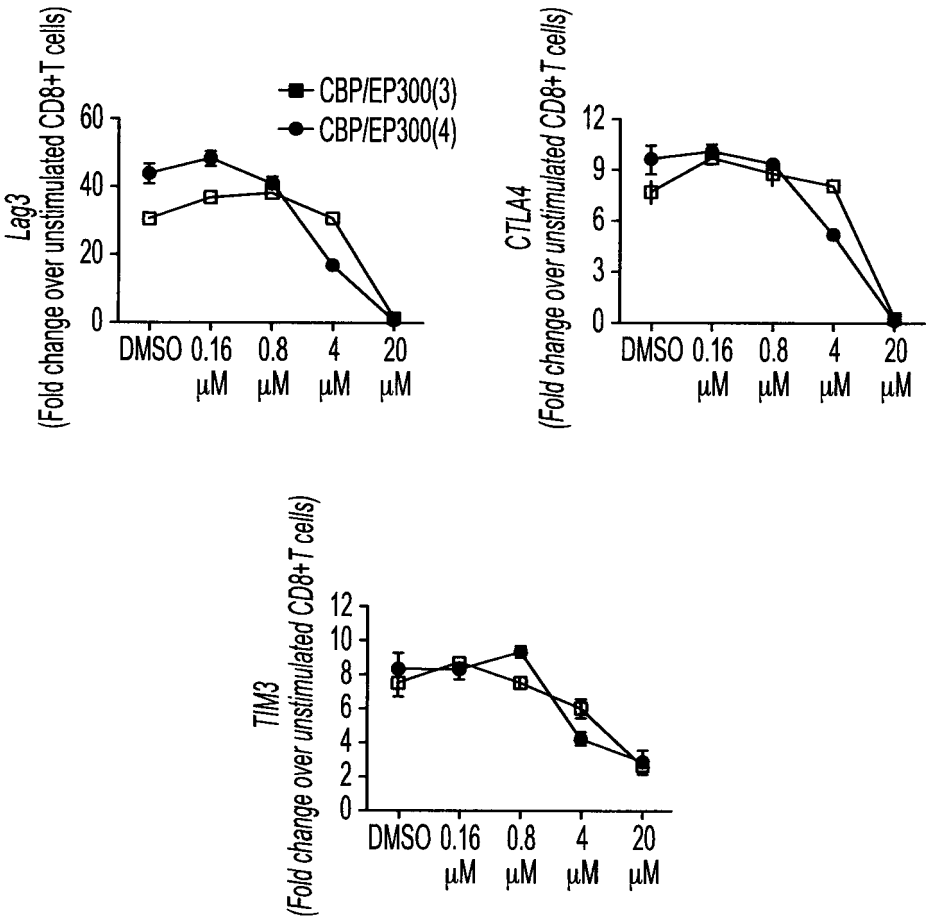

Lag3
(Fold change over unstimulated CD8+ T cells)
CBP/EP300(3)
CBP/EP300(4)
60
40
20
0
DMSO 0.16 μM 0.8 μM 4 μM 20 μM
CTLA4
(Fold change over unstimulated CD8+ T cells)
12
9
6
3
0
DMSO 0.16 μM 0.8 μM 4 μM 20 μM
TIM3
(Fold change over unstimulated CD8+ T cells)
12
10
8
6
4
2
0
DMSO 0.16 μM 0.8 μM 4 μM 20 μM

Figure 9

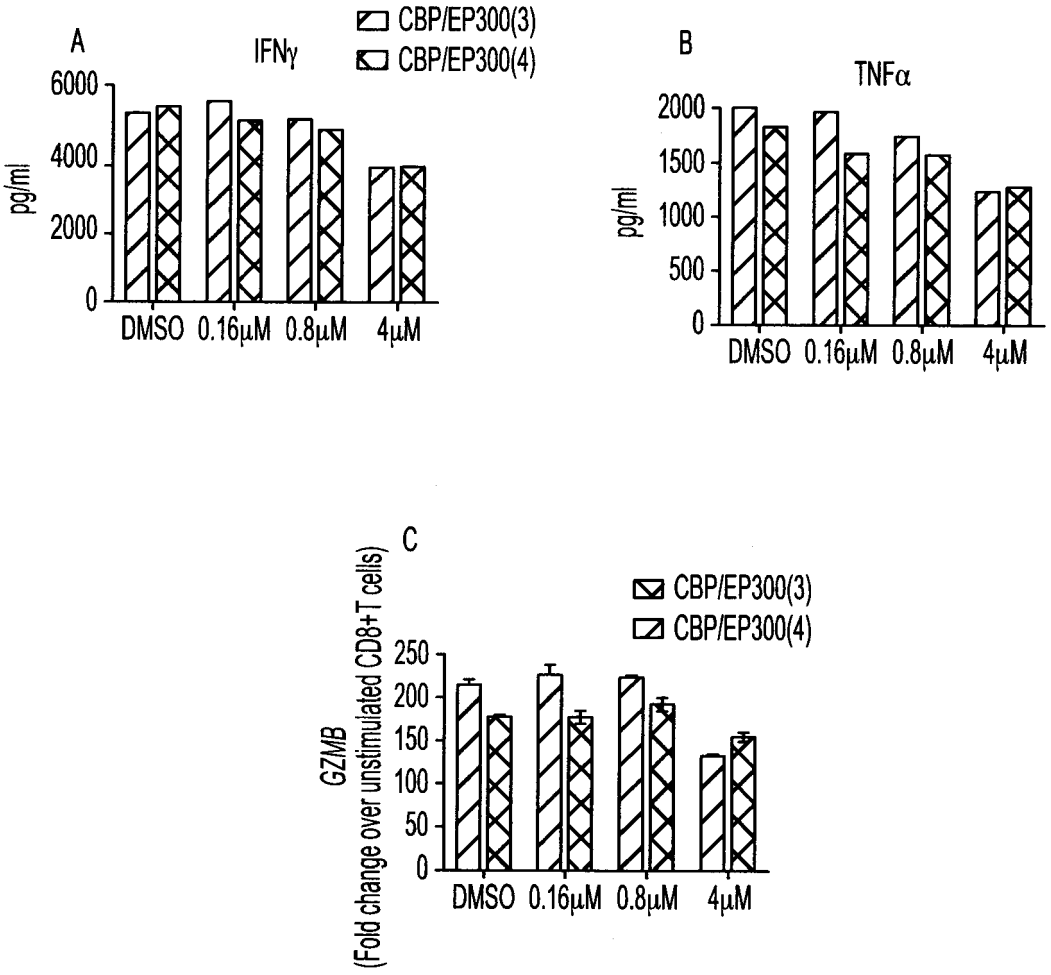

A
IFNγ
CBP/EP300(3)
CBP/EP300(4)
pg/ml
6000
4000
2000
0
DMSO
0.16μM
0.8μM
4μM
B
TNFα
pg/ml
2000
1500
1000
500
0
DMSO
0.16μM
0.8μM
4μM
C
GZMB
(Fold change over unstimulated CD8+T cells)
CBP/EP300(3)
CBP/EP300(4)
250
200
150
100
50
0
DMSO
0.16μM
0.8μM
4μM

Figure 10