Figure 1

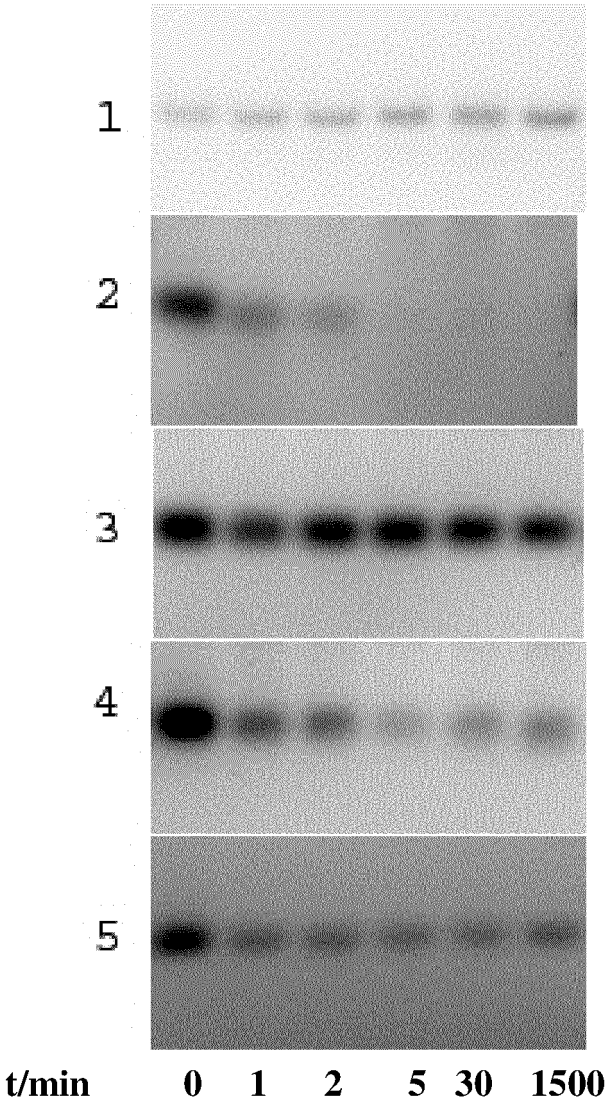


Figure 2

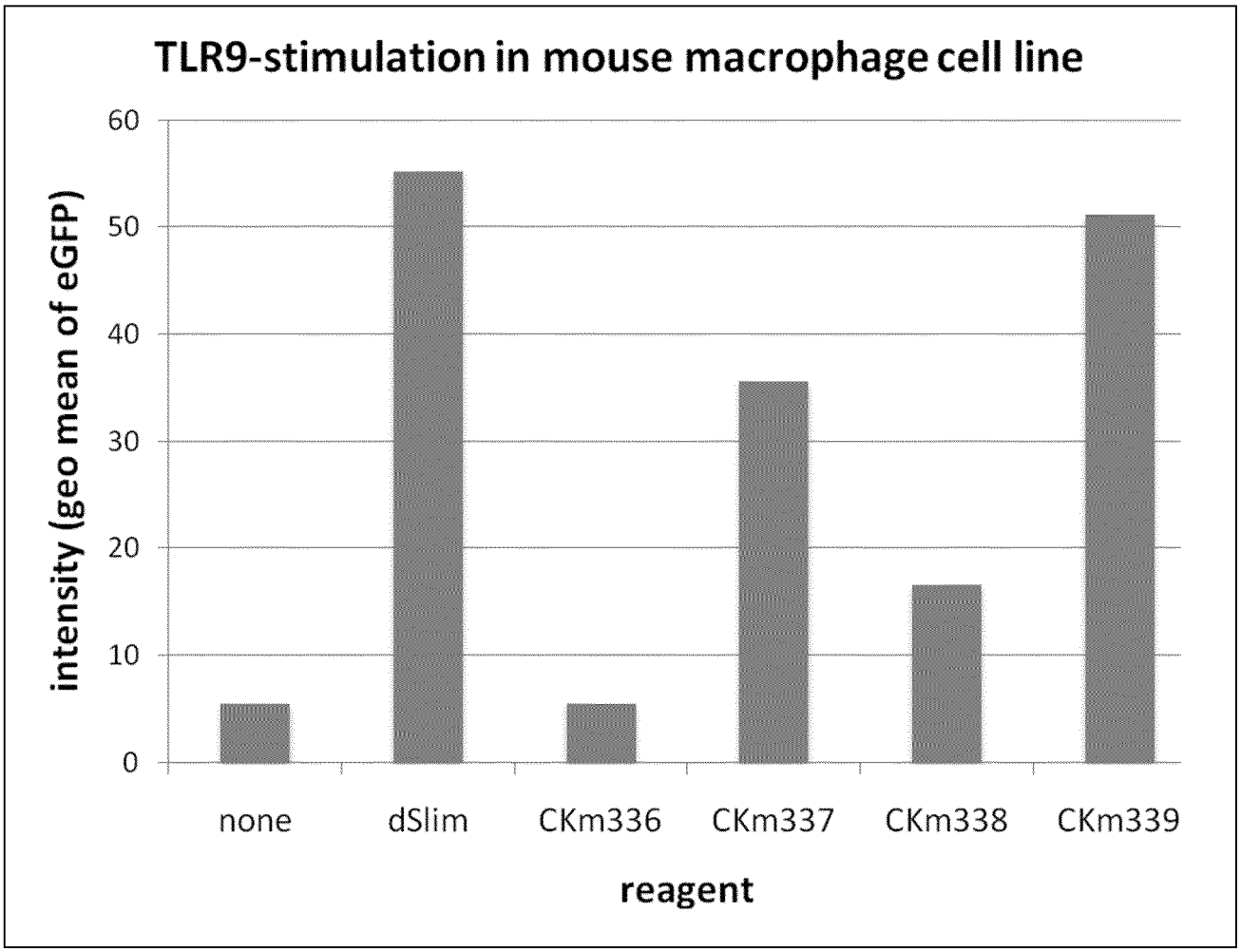

TLR9-stimulation in mouse macrophage cell line
intensity (geo mean of eGFP)
60
50
40
30
20
10
0
none
dSlim
CKm336
CKm337
CKm338
CKm339
reagent

Figure 3

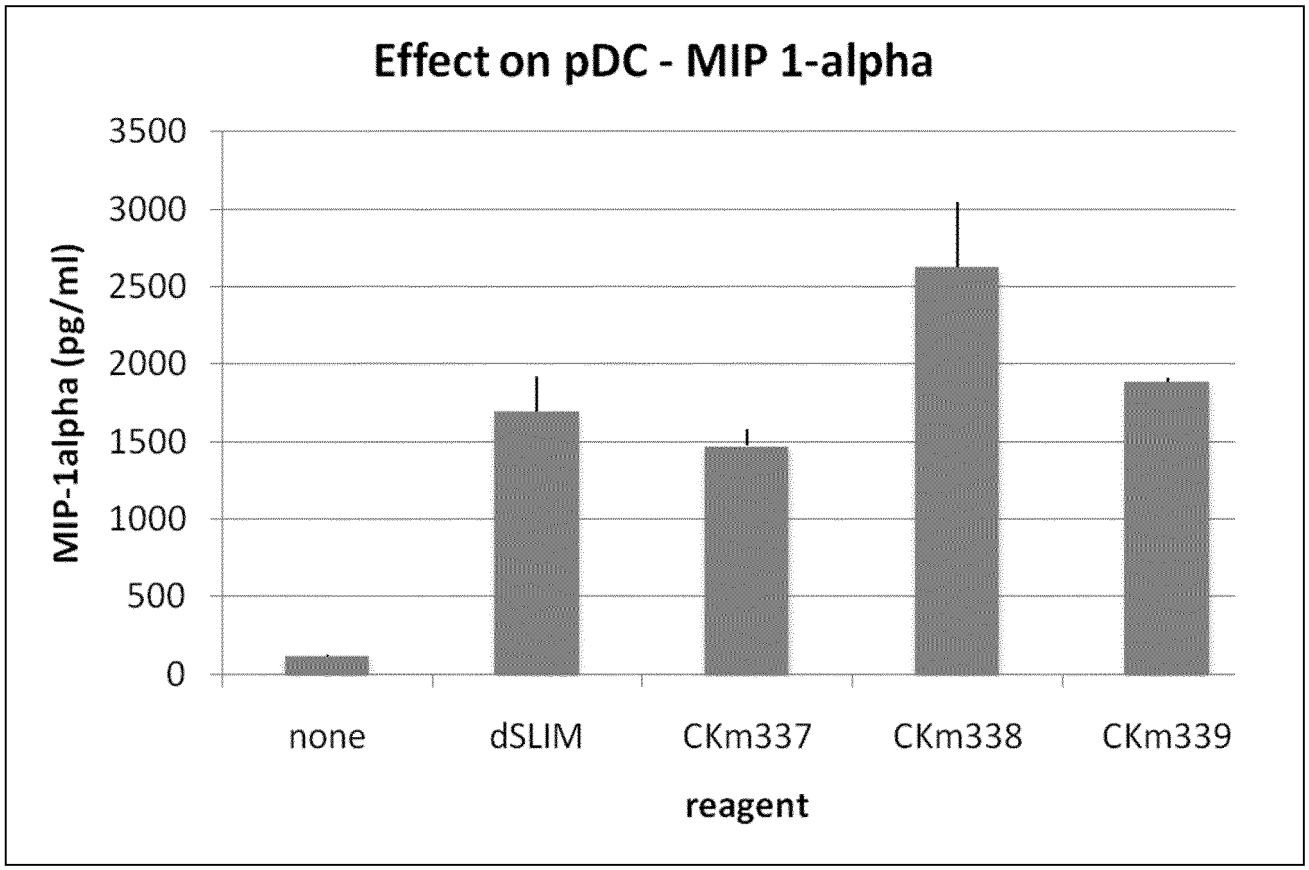

Effect on pDC - MIP 1-alpha
MIP-1alpha (pg/ml)
3500
3000
2500
2000
1500
1000
500
0
none
dSLIM
CKm337
CKm338
CKm339
reagent

Figure 4

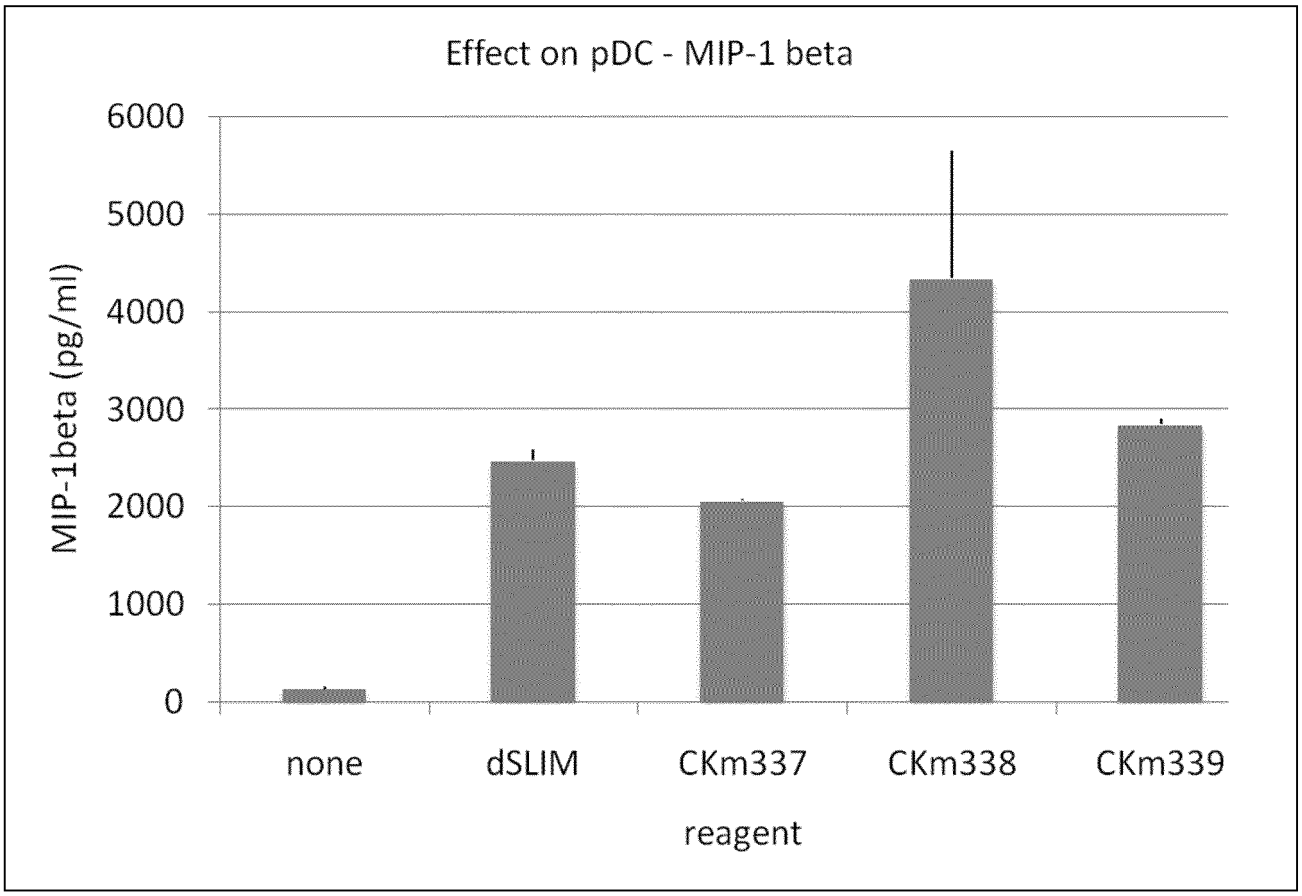

Effect on pDC - MIP-1 beta
MIP-1beta (pg/ml)
6000
5000
4000
3000
2000
1000
0
none
dSLIM
CKm337
CKm338
CKm339
reagent

Figure 5

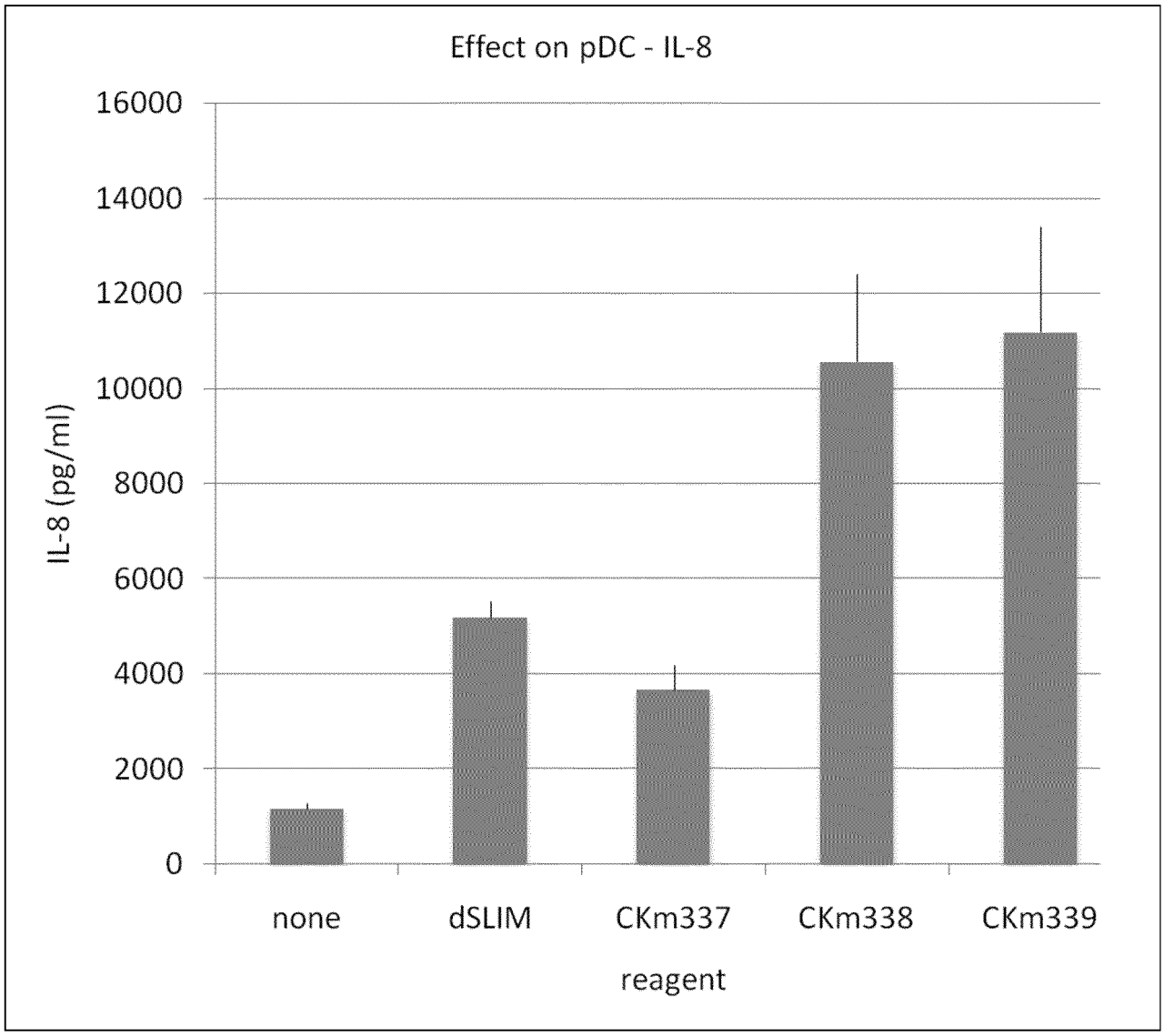

Effect on pDC - IL-8
IL-8 (pg/ml)
16000
14000
12000
10000
8000
6000
4000
2000
0
none
dSLIM
CKm337
CKm338
CKm339
reagent

Figure 6

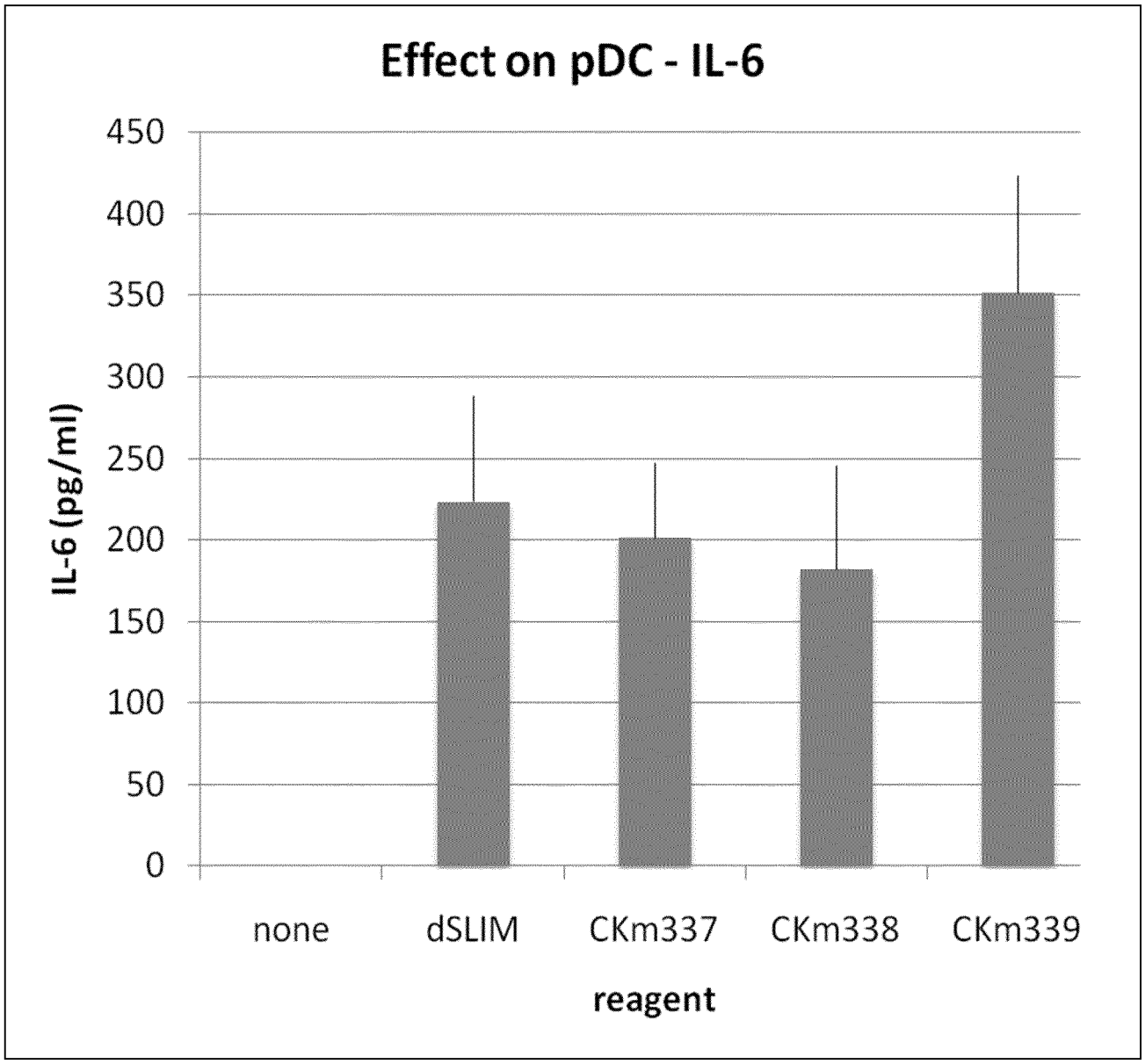

Effect on pDC - IL-6
IL-6 (pg/ml)
450
400
350
300
250
200
150
100
50
0
none
dSLIM
CKm337
CKm338
CKm339
reagent

Figure 7

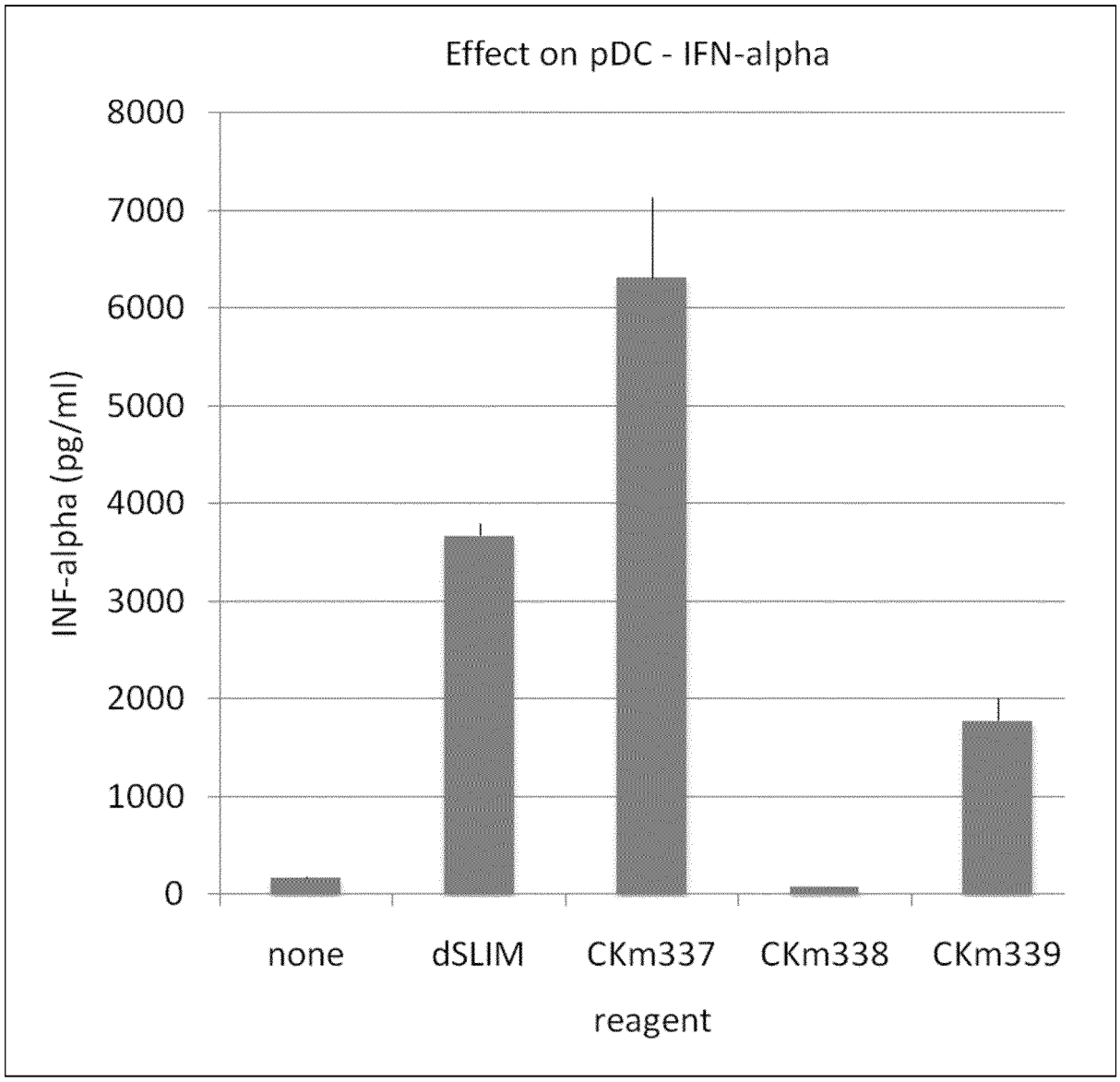

Effect on pDC - IFN-alpha
INF-alpha (pg/ml)
8000
7000
6000
5000
4000
3000
2000
1000
0
none
dSLIM
CKm337
CKm338
CKm339
reagent

Figure 8

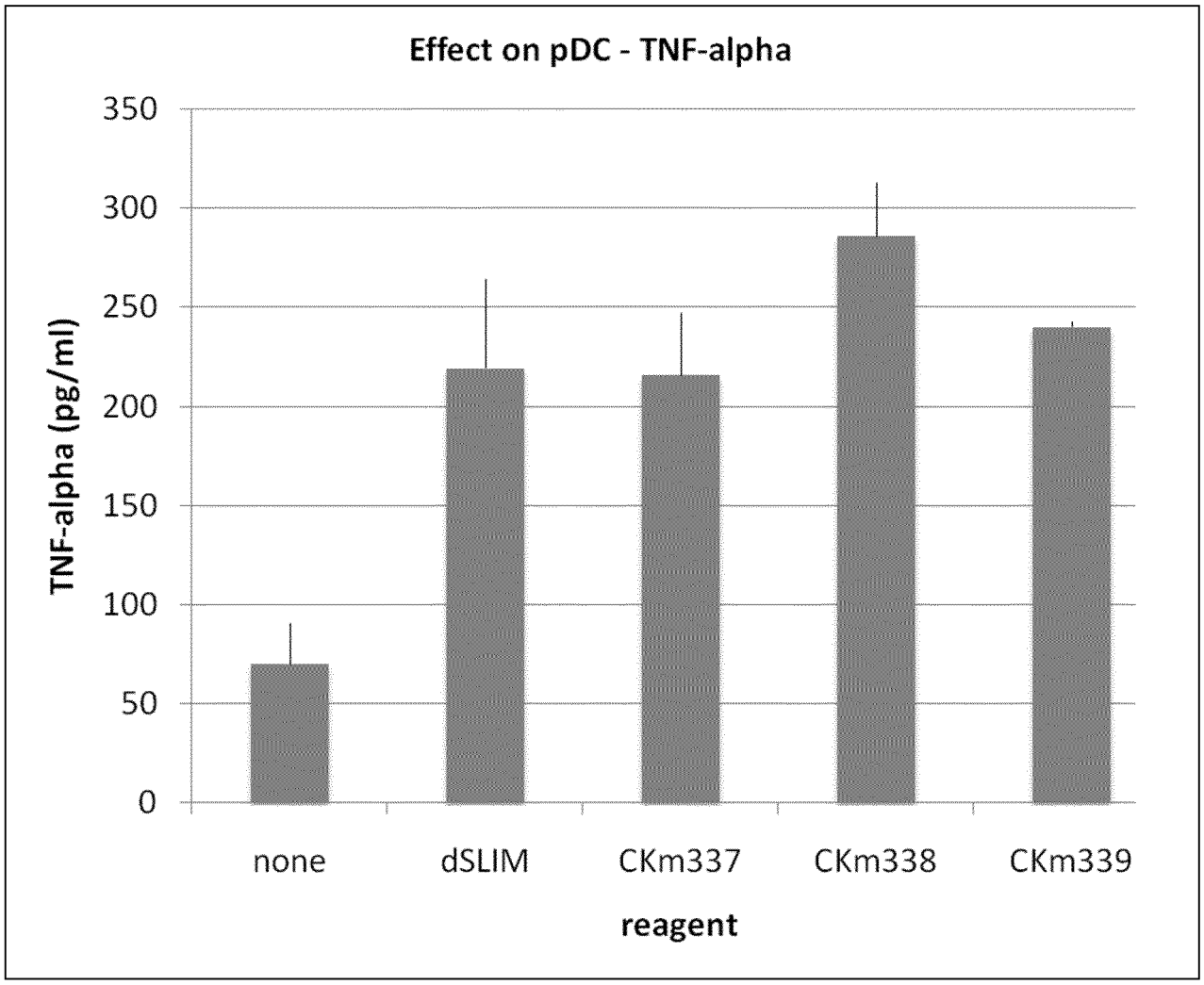

Effect on pDC - TNF-alpha
TNF-alpha (pg/ml)
350
300
250
200
150
100
50
0
none
dSLIM
CKm337
CKm338
CKm339
reagent

Figure 9A

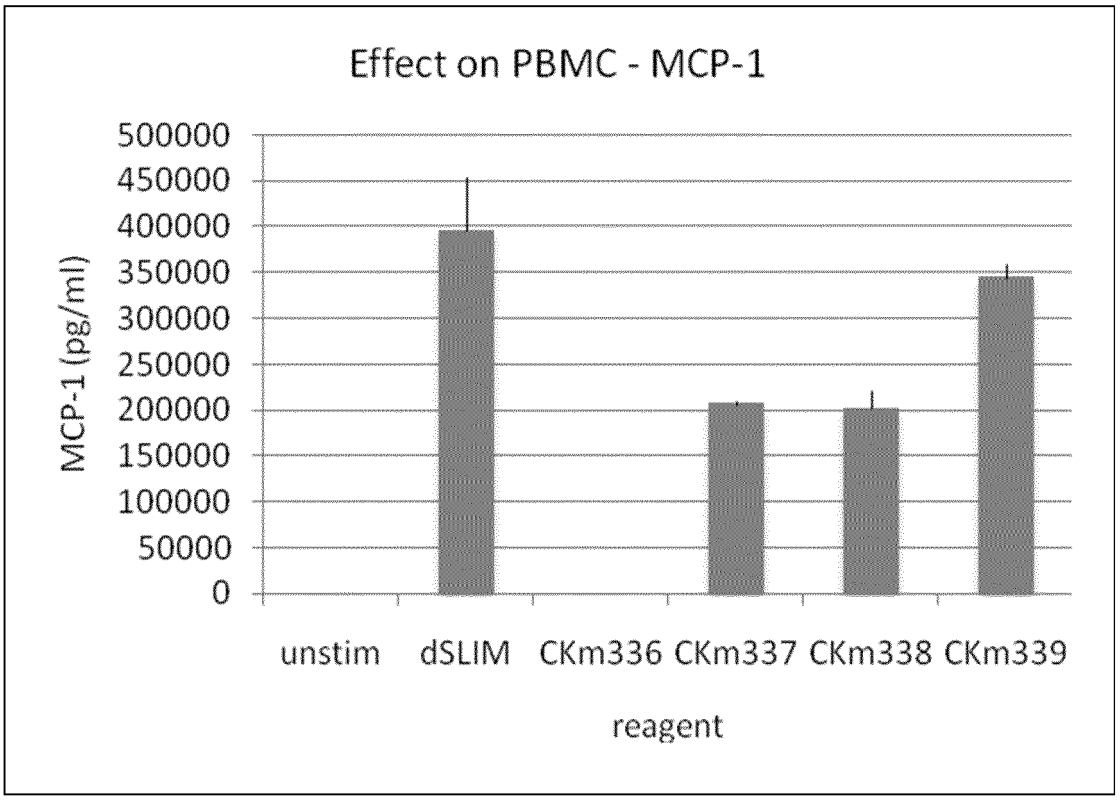


Figure 9B

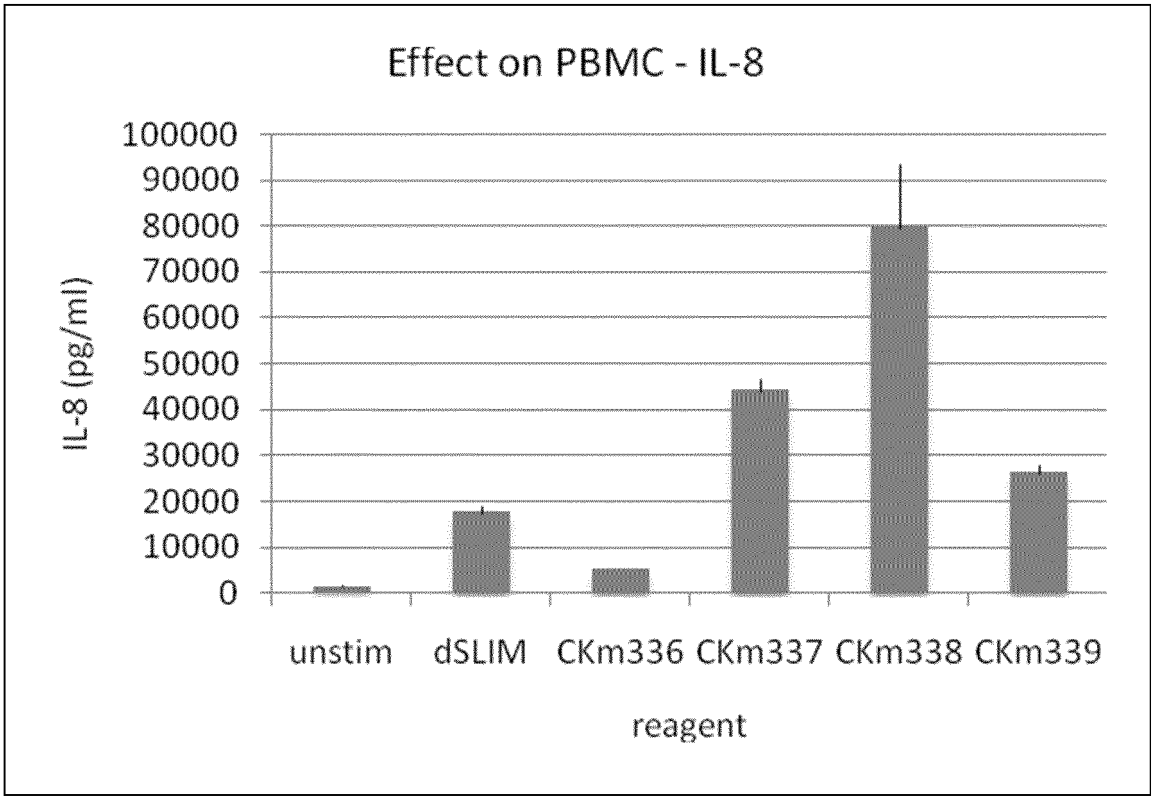


Figure 10

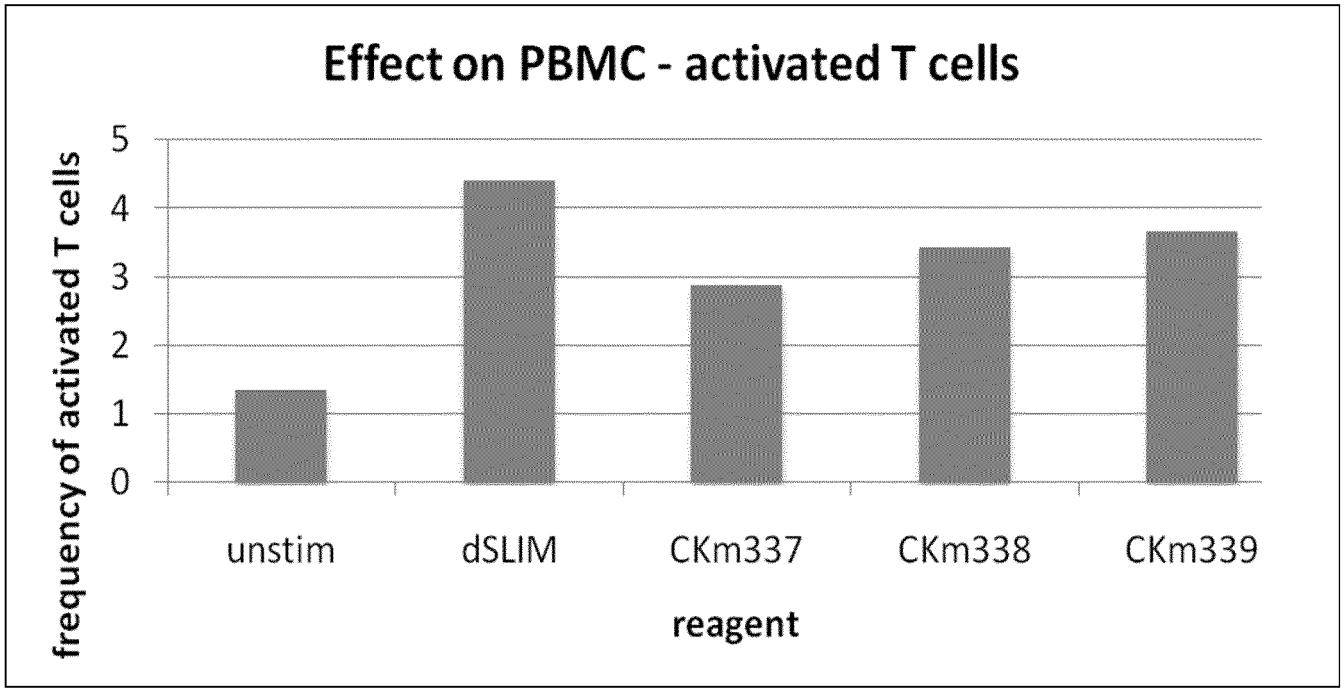
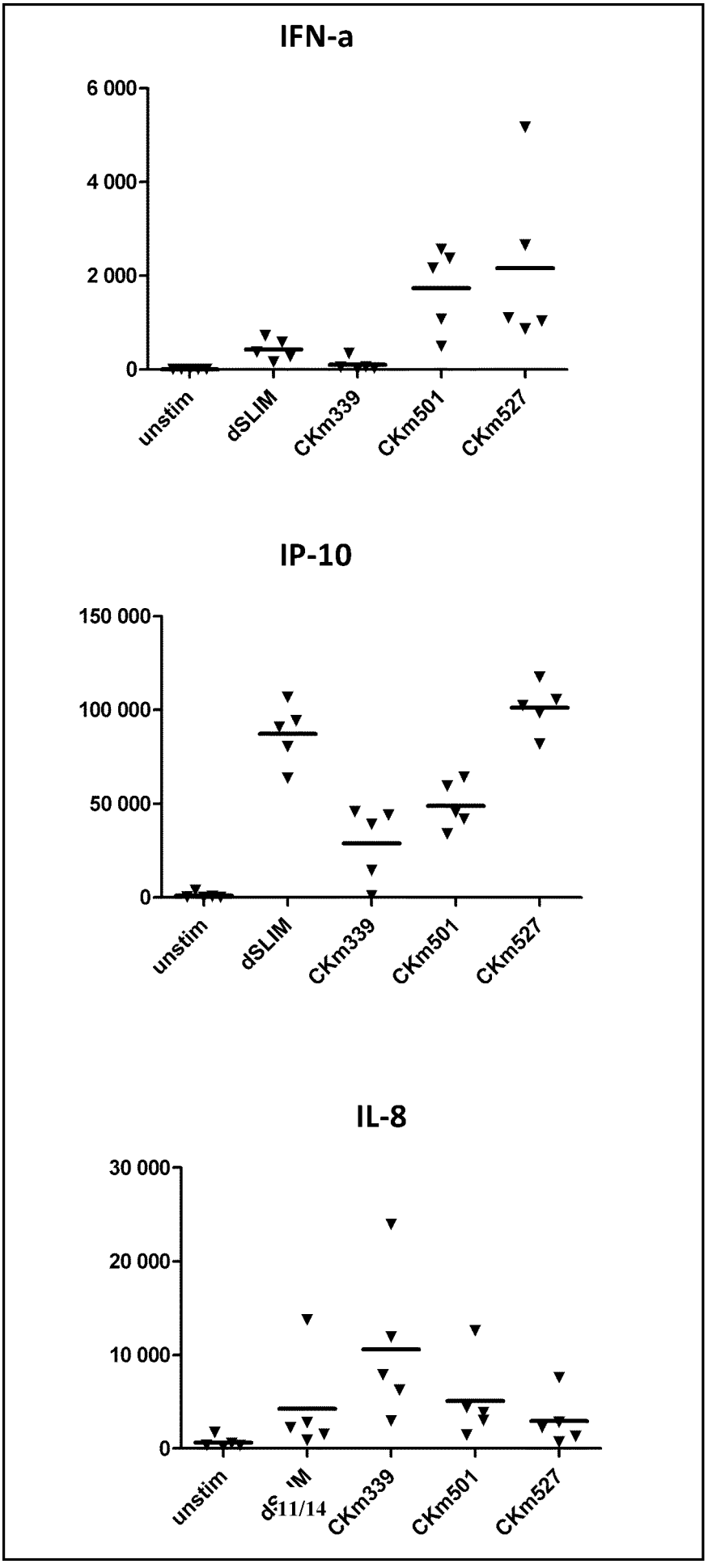

Effect on PBMC - activated T cells
frequency of activated T cells
5
4
3
2
1
0
unstim
dSLIM
CKm337
CKm338
CKm339
reagent

Figure 11


IFN-a
6 000
4 000
2 000
0
unstim
dSLIM
CKm339
CKm501
CKm527
IP-10
150 000
100 000
50 000
0
unstim
dSLIM
CKm339
CKm501
CKm527
IL-8
30 000
20 000
10 000
0
unstim
CKm339
CKm501
CKm527

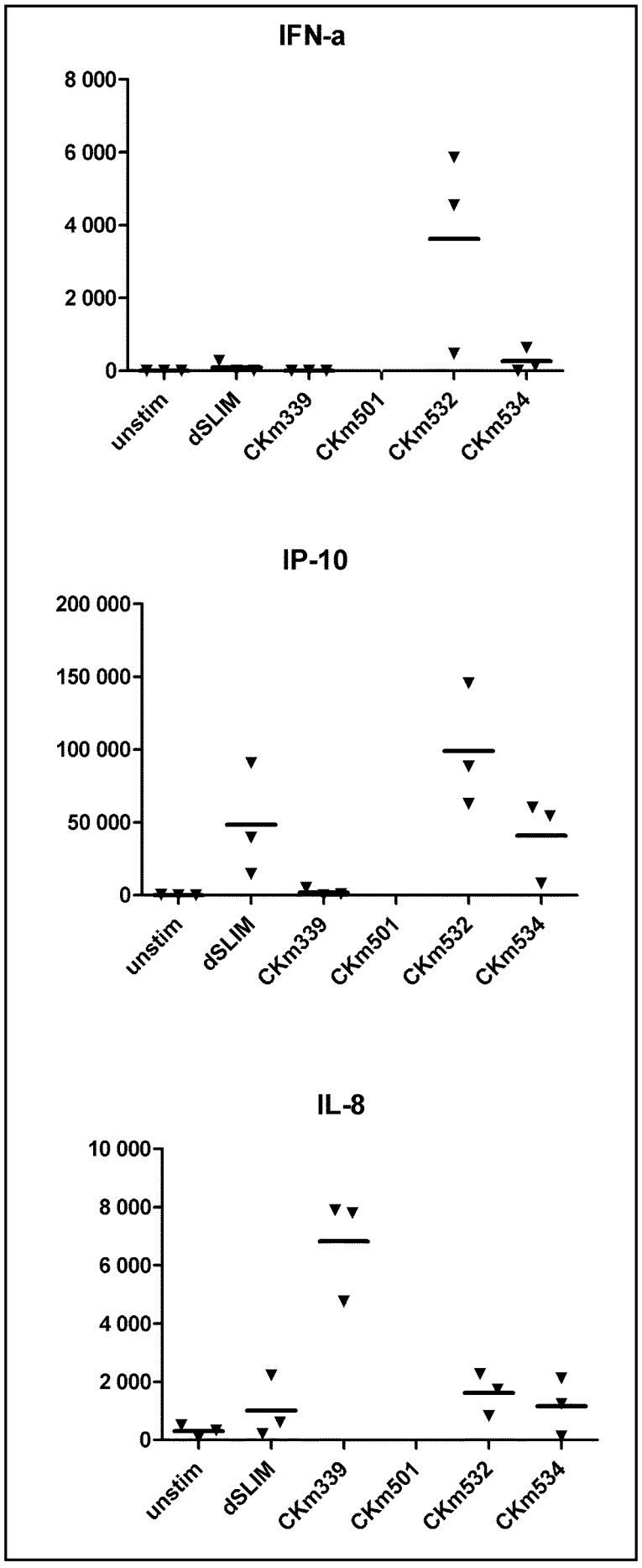
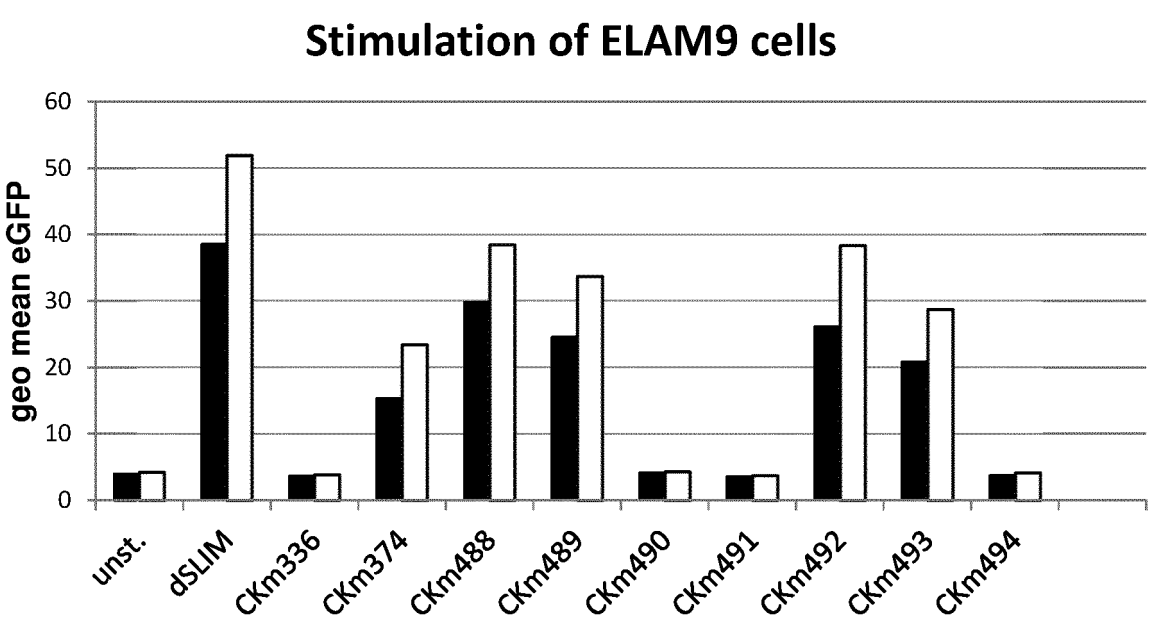
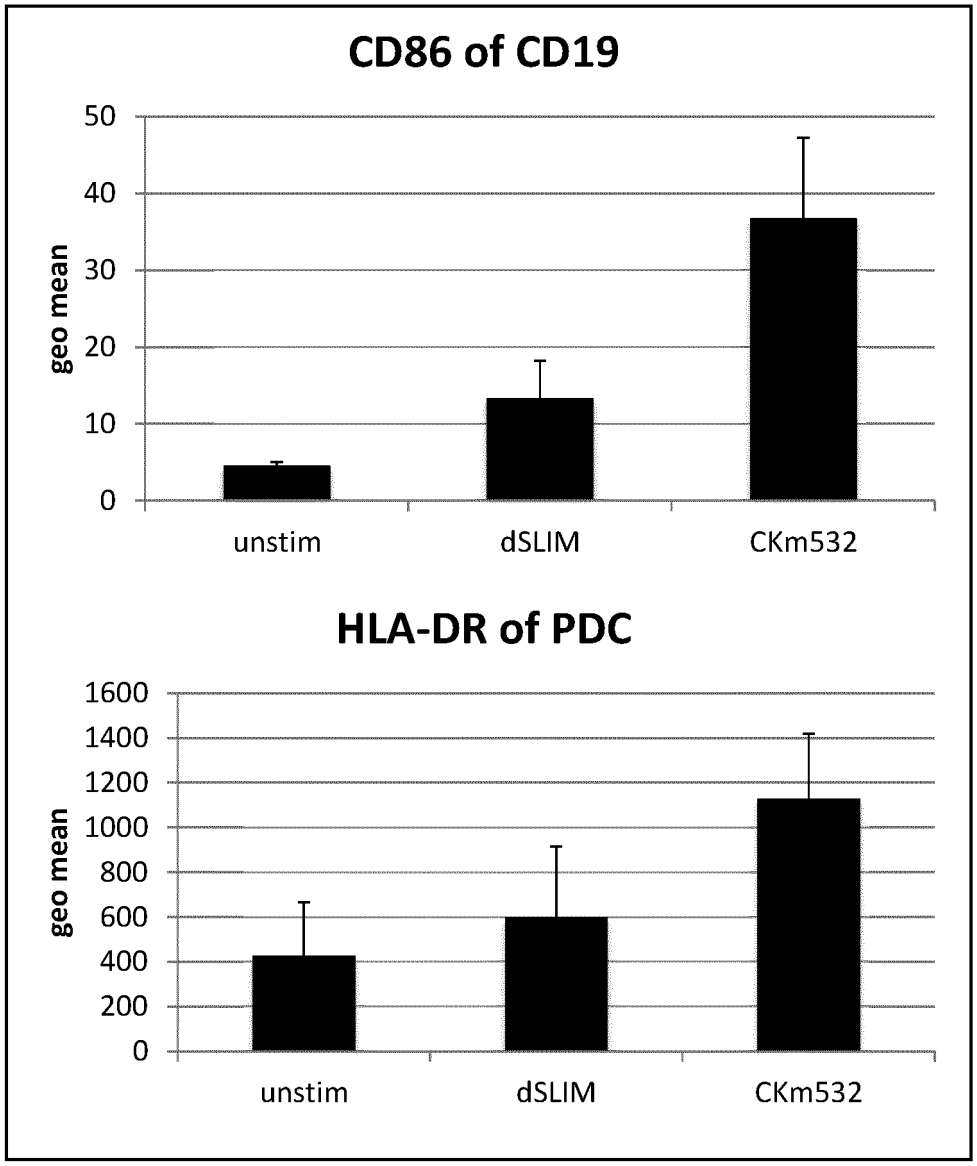

IFN-a
8 000
6 000
4 000
2 000
0
unstim
dSLIM
CKm339
CKm501
CKm532
CKm534
IP-10
200 000
150 000
100 000
50 000
0
unstim
dSLIM
CKm339
CKm501
CKm532
CKm534
IL-8
10 000
8 000
6 000
4 000
2 000
0
unstim
dSLIM
CKm339
CKm501
CKm532
CKm534

Figure 13



CKm336	***TCATTGGAAAACGTTCTTCTTCGGGGCGTTCTTT***
CKm374	***TC***ATTGGAAAACGTTCTTCTTCGGGGCGTTC***TT***T
CKm488	***TCATT***GGAAAACGTTCTTCTTCGGGGCGTT***CT***T
CKm489	***TCATTGGA***AAACGTTCTTCTTCGGGGCGTT***CT***T
CKm490	***TCATTGGAAAA***CGTTCTTCTTCGGGGCGTT***CT***T
CKm491	***TCATTGGAAAACG***TTCTTCTTCGGGGCGTT***CT***T
CKm492	***TCA***TTGGAAAACGTTCTTCTTCGGGGCG***TTCT***T
CKm493	***TCA***TTGGAAAACGTTCTTCTTCGGGG***CGTTCT***T
CKm494	***TCA***TTGGAAAA***CG***TTCTTCTT***CG***GGG***CG***TT***CT***T

Figure 14


CD86 of CD19
geo mean
50
40
30
20
10
0
unstim
dSLIM
CKm532
HLA-DR of PDC
geo mean
1600
1400
1200
1000
800
600
400
200
0
unstim
dSLIM
CKm532