

INFORME DE BÚSQUEDA DE PATENTES PARA EL RADICADO N° 14-060426-00000-0000						
CRITERIOS PARA LA BÚSQUEDA (anexar pantallazo o reporte en PDF, junto con los booleanos utilizados)						
Palabras clave utilizadas		Anticuerpo anti – CD134, anti – OX40, anti – TNFRSF4, anti – ACT35				
CLASIFICACIONES INTERNACIONALES UTILIZADAS PARA LA BÚSQUEDA		C07K 16/28.				
BASES DE DATOS CONSULTADAS.						
Patentscope		Google/patents				
NCBI		Sciencedirect				
Espacenet		Researchgate.				
Lens						
INFORMES DE EXÁMENES REALIZADOS EN OTRAS OFICINAS (documentos patentes, literatura no patente etc...)						
Oficina	Fecha del examen o de reporte de búsqueda de documentos	Anterioridades encontradas para el examen o reportados en el examen de búsqueda(relacionarlos todos)	Reiv. afectadas	RELEVANCIA (requisito que afecta)	FUERON TENIDOS EN CUENTA PARA EL EXAMEN EN LA OFICINA COLOMBIANA	
					SI	NO
PCT INTERNATIONAL SEARCH REPORT - EPO	21/05/2013	US2011123552	1 – 7, 12 – 46, 48	Novedad/ Nivel inventivo	X	
		Santa Cruz Biotechnology, INC: "anti-OX40-receptor antibody (H-10)", January 2001 (2001-01), XP002688640.	1 – 3, 12, 13, 27, 31	Novedad		X
		Santa Cruz Biotechnology Inc.: "anti-OX40-receptor antibody (H-133)", January 2011 (2011-01), XP002688641.	1 – 3, 12, 13, 27, 31	Novedad		X
DOCUMENTOS ADICIONALES ENCONTRADOS POR EL EXAMINADOR DE ACUERDO A LOS CRITERIOS DE BÚSQUEDA.						
XIE F. <i>et al.</i> , 2010. Pathology – Research and Practice. Vol. 206. Pág. 735 – 739. Costimulatory molecule OX40/OX40L expression in ductal carcinoma in situ and invasive ductal carcinoma of breast: An immunohistochemistry-based pilot study.						
Zhong W. <i>et al.</i> , 2010. OX40 induces CCL20 expression in the context of antigen stimulation: An expanding role of co-stimulatory molecules in chemotaxis						
Weinberg A. 2002. OX40: targeted immunotherapy – implications for tempering autoimmunity and enhancing vaccines						
Jensen S. 2010. Signaling Through OX40 Enhances Antitumor Immunity						
US2009214560A1						
US2011123552A1						
SEQ ID NO (de la solicitud)	NCBI	The Lens	EMBL-EBI	DDJB	Genome Quest	
SEQ ID NO: 5	gbAAT76279.1	-	-	-	-	
SEQ ID NO: 34	pdb2HEVR	-	-	-	-	
SEQ ID NO: 35	gbAAB33944.1	-	-	-	-	
SEQ ID NO: 36	gbAAB33944.1	-	-	-	-	

SEQ ID NO: 38	Pdb2HEVR	-	-	-	-
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Búsqueda SEQ ID NO: 4

Min Similarity: 0%

1aa13aa25aa36aa48aa60aa72aa84aa95aa107aa119aa

Document #	Seq ID	E-Value	Similarity	Coverage
CA 2848847	4	1.13E-80	100	100
WO 2014/148895 A1	4	1.13E-80	100	100
WO 2013/038191 A2	4	1.13E-80	100	100
JP 2014527814 A	31	1.13E-80	100	100
US 2014/0377284 A1	4	1.13E-80	100	100

Descriptions

Sequences producing significant alignments:

Select: All None Selected:0

Alignments Download GenPept Graphics Distance tree of results Multiple alignment

Description	Max score	Total score	Query cover	E value	Ident	Accession
☐ immunoglobulin variable region [Mus musculus domesticus]	232	232	100%	8e-76	96%	CAA80103.1
☐ immunoglobulin heavy chain variable region [Mus musculus]	227	227	100%	9e-74	94%	AAD47021.1
☐ immunoglobulin heavy chain variable region [Mus musculus]	224	224	100%	1e-72	93%	AAF79128.1
☐ Ig heavy chain [Mus musculus]	223	223	100%	2e-72	93%	AAB03597.1
☐ anti-GBM immunoglobulin heavy chain variable region [Mus musculus]	221	221	100%	3e-71	92%	AAL92851.1
☐ immunoglobulin variable region [Mus musculus domesticus]	220	220	100%	3e-71	92%	CAA80108.1
☐ immunoglobulin variable region [Mus musculus domesticus]	220	220	100%	4e-71	93%	CAA80093.1
☐ Immunoglobulin Variable Region [Mus musculus domesticus]	219	219	100%	5e-71	91%	CAA80002.1
☐ J558 Ig variable region [Mus musculus]	220	220	100%	6e-71	94%	AAA97369.1
☐ Ig heavy chain [Mus musculus]	219	219	100%	7e-71	92%	AAB03590.1
☐ immunoglobulin heavy chain [Mus musculus]	218	218	99%	2e-70	91%	BAN13858.1
☐ J558 Ig variable region [Mus musculus]	219	219	100%	2e-70	89%	AAA97370.1
☐ 3D8 single-chain variable fragment [synthetic construct]	222	263	98%	3e-70	93%	AIN44217.1
☐ immunoglobulin variable region [Mus musculus domesticus]	218	218	100%	3e-70	91%	CAA80101.1
☐ Chain A, Heavy And Light Chain Variable Single Domains Of An Anti-dna Binding Antibody Hydrolyze Both Double- And Single-stranded Dnas Without Sequence	223	264	98%	6e-70	93%	2GKI_A

Min Similarity: 0%

Document #	Seq ID	E-Value	Similarity	Coverage
CA 2848847	12	3.19E-85	100	100
WO 2014/148895 A1	12	3.19E-85	100	100
WO 2013/038191 A2	12	3.19E-85	100	100
JP 2014527814 A	39	3.19E-85	100	100
US 2014/0377284 A1	12	3.19E-85	100	100

Búsqueda SEQ ID NO: 5

Feedback

1aa12aa22aa33aa44aa54aa65aa76aa87aa97aa108aa108aa

Document #	Seq ID	E-Value	Similarity	Coverage
CA 2848847	5	5.86E-73	100	100
WO 2014/148895 A1	5	5.86E-73	100	100
WO 2013/038191 A2	5	5.86E-73	100	100
JP 2014527814 A	32	5.86E-73	100	100
US 2014/0377284 A1	5	5.86E-73	100	100

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immunoglobulin light chain variable region [Mus musculus]
Sequence ID: [gbjAA176279.1](#) Length: 118 Number of Matches: 1

Range 1: 4 to 111 GenPept Graphics

▼ Next Match ▲ Previous Match

Score	Expect	Identities	Positives	Gaps
360 bits(812)	6e-114	108/108(100%)	108/108(100%)	0/108(0%)

Query 1 DIQMTQTSSLSASLGRVTISCRASQDISNYLNWYQKPDGTVKLLIYTTSRLESGVPS 60

Sbjct 4 DIQMTQTSSLSASLGRVTISCRASQDISNYLNWYQKPDGTVKLLIYTTSRLESGVPS 63

Query 61 RFSGSGSDTDYSLTISNLEQEDIATYFCQGNTLPWTFGGGKLEIKR 108

Sbjct 64 RFSGSGSDTDYSLTISNLEQEDIATYFCQGNTLPWTFGGGKLEIKR 111

Related Information

Búsqueda SEQ ID NO: 13

Feedback

Document #	Seq ID	E-Value	Similarity	Coverage
CA 2848847	13	1.74E-74	100	100
WO 2014/148895 A1	13	1.74E-74	100	100
WO 2013/038191 A2	13	1.74E-74	100	100
JP 2014527814 A	40	1.74E-74	100	100
US 2014/0377284 A1	13	1.74E-74	100	100
CA 2848847	29	6.21E-74	100	100