

Human MSSFSYEPYYSTSYKRRYVETPRVHISVRSGYSTARSAYSSYAPVSSSLSVRRSYSSS 60
 Macaque MSSFSYEPYYSTSYKRRYVETPRVHISVRSGYSTARSAYSSYAPVSSSLSVRRSYSSS 60
 Mouse MSSFGYQPFYFSTSYKRRYVETPRVHISVRSGYSTARSAYSSYAPVSSSLSVRRSYSSS 60
 Rat MSSFSYEPYFSTSYKRRYVETPRVHISVRSGYSTARSAYSSYAPVSSSLSVRRSYSSS 60
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Human SGSLMPSLENLDLSQVAAISNDLKSIRTQEKALQDLNDRFASFIERVHELQONKVLEA 120
 Macaque SGSLMPSLENLDLSQVAAISNDLKSIRTQEKALQDLNDRFASFIERVHELQONKVLEA 120
 Mouse SGSLMPSLENLDLSQVAAISNDLKSIRTQEKALQDLNDRFASFIERVHELQONKVLEA 120
 Rat SGSLMPSLENLDLSQVAAISNDLKSIRTQEKALQDLNDRFASFIERVHELQONKVLEA 120

Human ELLVLRQKHSEPSRFRALYEQEIRDLRLAAEDATNEKQALQGEREGLEETLRNLQARYEE 180
 Macaque ELLVLRQKHSEPSRFRALYEQEIRDLRLAAEDATNEKQALQGEREGLEETLRNLQARYEE 180
 Mouse ELLVLRQKHSEPSRFRALYEQEIRDLRLAAEDATNEKQALQGEREGLEETLRNLQARYEE 180
 Rat ELLVLRQKHSEPSRFRALYEQEIRDLRLAAEDATNEKQALQGEREGLEETLRNLQARYEE 180

Human EVLSREDAEGRLMEARKGADEAALARAELEKRIDSIMDEIAFLKKVHEEEIAELQAQIQY 240
 Macaque EVLSREDAEGRLMEARKGADEAALARAELEKRIDSIMDEIAFLKKVHEEEIAELQAQIQY 240
 Mouse EVLSREDAEGRLMEARKGADEAALARAELEKRIDSIMDEIAFLKKVHEEEIAELQAQIQY 240
 Rat EVLSREDAEGRLMEARKGADEAALARAELEKRIDSIMDEIAFLKKVHEEEIAELQAQIQY 240
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Human AQISVEMDVT-KPDLISAALKDIRAQYEKLAANKMNAEWEKSRFTVLTESAAKNTDAVR 299
 Macaque AQISVEMDVS-KPDLISAALKDIRAQYEKLAANKMNAEWEKSRFTVLTESAAKNTDAVR 299
 Mouse AQISVEMDVSSKPDLISAALKDIRAQYEKLAANKMNAEWEKSRFTVLTESAAKNTDAVR 300
 Rat AQISVEMDVSSKPDLISAALKDIRAQYEKLAANKMNAEWEKSRFTVLTESAAKNTDAVR 300
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<---UD2/Uman2.1--->

Human AAKDEVSESRRLKAKILETEACRGMNEALEKQLOLEEDKQNADISAMQDTINKLENELR 359
 Macaque AAKDEVSESRRLKAKILETEACRGMNEALEKQLOLEEDKQNADISAMQDTINKLENELR 359
 Mouse AAKDEVSESRRLKAKILETEACRGMNEALEKQLOLEEDKQNADISAMQDTINKLENELR 360
 Rat AAKDEVSESRRLKAKILETEACRGMNEALEKQLOLEEDKQNADISAMQDTINKLENELR 360

Human TTKSEMARYLKKEYODLLNVKMALDIEIAAYRKLLEGEETRLSFTSVGSITSGYSQSSQVF 419
 Macaque TTKSEMARYLKKEYODLLNVKMALDIEIAAYRKLLEGEETRLSFTSVGSITSGYSQSSQVF 419
 Mouse STKSEMARYLKKEYODLLNVKMALDIEIAAYRKLLEGEETRLSFTSVGSITSGYSQSSQVF 420
 Rat STKSEMARYLKKEYODLLNVKMALDIEIAAYRKLLEGEETRLSFTSVGSITSGYSQSSQVF 420

5A12, 1D1, 4C4, 5D2 MCA-DA2

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Human GRSAYGGLQTSYLLMSTRSFPYYTSHVQEEQIEVEETIEAAKAEAKDEPPSEGEAE 479
 Macaque GRSAYGGLQTSYLLMSTRSFPYYTSHVQEEQIEVEETIEAAKAEAKDEPPSEGEAE 479
 Mouse GRSAYSGLQSSSYLLMSARSPAYYTSHVQEEQTEVEETIEATKAEEAKDEPPSEGEAE 480
 Rat GRSAYSGLQSSSYLLMSARSPAYYTSHVQEEQSEVEETIEATKAEEAKDEPPSEGEAE 480
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Human EKOKEEAE EEEEEAAKEESEEAK EEEEEGGEGEGEEETKEAE EEEKVEGAGEEQAA 539
 Macaque EKOKEEAE EEEEEAAKEESEEAK EEEEEGGEGEGEEETKEAE EEEKVEGAGEEQAA 539
 Mouse EKEKEEG EEEEEGA EEEEEAAKDESEDTKEEEEGGEGEEE-DTKESE EEEKKEESAGEEQVA 539
 Rat EKEKEEG EEEEEGA EEEEEAAKDESEDAKE-ERGGEGEEE-DTKESE EEEKKEESAGEEQAA 538
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<---MCA-6H112, RPCA-NF-L-ct-

Human KKKD 543
 Macaque KKKD 543
 Mouse KKKD 543
 Rat KKKD 542

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Alignment of various mammalian neurofilament NF-L sequences showing epitopes for selected EnCor and other monoclonal or peptide antibodies. Regions of α -helical coiled coil are highlighted in yellow. The mouse monoclonals 5A12, 1D1, 4C4 and 5D2 are available by special order.