|  |  |  |
| --- | --- | --- |
| **Antigen** | **Indications** | **References** |
| SPAG9 | CRC  RCC | (*1*)  (*2*) |
| AKAP4 | CRC | (*3*) |
| BORIS | Melanoma  CRC  HNSCC | (*4*)  (*5*)  (*6*) |
| Survivin | Melanoma  Lung(NSCLC)  CRC  Bladder  Glioma  RCC | (*7*)  (*8*)  (*9*)  (*10*)  (*11*)  (*12*) |
| MAGE-A1 | Melanoma  Lung(NSCLC)  CRC  Bladder  Glioma  HNSCC  RCC | (*13*)  (*14*)  (*15*)  (*16*)  (*17*)  (*6*)  (*18*) |
| PRAME | Melanoma  Lung(NSCLC)  Bladder  HNSCC  RCC | (*19*)  (*20*)  (*21*)  (*6*)  (*22*) |
| CT45 | Melanoma  Lung(NSCLC)  CRC  Glioma  HNSCC | (*23*)  (*24*)  (*15*)  (*25*)  (*26*) |
| NY-SAR-35 | Melanoma  Lung(NSCLC)  Bladder | (*27*)  (*27*)  (*27*) |
| FSIP1 | Bladder | (*28*) |
| HOM-TES-85 | Lung(NSCLC)  HNSCC | (*29*)  (*30*) |
| NY-BR-1 | Breast Cancer | (*31*) |
| MAGE-A9 | Melanoma  Bladder  RCC  HNSCC | (*13*)  (*32*)  (*33*)  (*34*) |
| SCP-1 | Melanoma  Lung(NSCLC)  CRC  Bladder  Glioma  HNSCC | (*35*)  (*36*)  (*15*)  (*37*)  (*38*)  (*30*) |
| MAGE-A12 | Melanoma  Bladder  Glioma  HNSCC  RCC | (*13*)  (*39*)  (*25*)  (*40*)  (*41*) |
| MAGE-A10 | Melanoma  CRC  Bladder  Glioma  HNSCC | (*13*)  (*42*)  (*43*)  (*17*)  (*6*) |
| GATA-3 | RCC  HNSCC | (*44*)  (*45*) |
| GAGE-7 | Melanoma  CRC | (*13*)  (*46*) |
| SSX-4 | Melanoma  Lung(NSCLC)  CRC  Bladder  Glioma  HNSCC | (*47*)  (*48*)  (*48*)  (*37*)  (*38*)  (*6*) |
| SPANXC | Melanoma  Lung(NSCLC)  CRC  Bladder  HNSCC | (*49*)  (*49*)  (*49*)  (*49*)  (*40*) |
| CT46 | Bladder | (*50*) |
| MAGE-A3 | Melanoma  Lung(NSCLC)  CRC  Bladder  Glioma  HNSCC  RCC | (*51*)  (*52*)  (*15*)  (*21*)  (*17*)  (*6*)  (*18*) |
| MAGE-C2 | Melanoma  Lung(NSCLC)  CRC  Bladder  Glioma  HNSCC | (*53*)  (*54*)  (*15*)  (*55*)  (*17*)  (*6*) |
| TSP50 | Lung(NSCLC)  CRC | (*56*)  (*57*) |
| EpCAM | Lung(NSCLC)  CRC  Bladder  RCC | (*58*)  (*9*)  (*59*)  (*60*) |
| CAGE | Lung(NSCLC)  CRC  HNSCC | (*61*)  (*62*)  (*26*) |
| MAGE-A8 | Melanoma  CRC  Bladder | (*13*)  (*63*)  (*64*) |
| FBXO39 | Lung(NSCLC)  CRC  RCC | (*65*)  (*65*)  (*65*) |
| PAGE-4 | Lung(NSCLC) | (*66*) |
| MAGE-A6 | Melanoma  CRC  Bladder  RCC | (*13*)  (*15*)  (*67*)  (*68*) |
| BAGE-4 | CRC  Bladder  Glioma  HNSCC | (*46*)  (*69*)  (*17*)  (*6*) |
| MAGE-C1 | Melanoma  Lung(NSCLC)  CRC  Bladder  HNSCC | (*53*)  (*70*)  (*15*)  (*55*)  (*30*) |
| NY-ESO-1 | Melanoma  Lung(NSCLC)  CRC  Bladder  Glioma  HNSCC  RCC | (*71*)  (*72*)  (*15*)  (*21*)  (*17*)  (*6*)  (*73*) |
| MAGE-A2 | Melanoma  CRC  Bladder  Glioma  HNSCC  RCC | (*74*)  (*15*)  (*75*)  (*76*)  (*77*)  (*18*) |
| XAGE-1 | Melanoma  Lung(NSCLC)  Glioma  HNSCC | (*78*)  (*79*)  (*80*)  (*81*) |
| MAGE-A11 | Melanoma  Glioma  HNSCC | (*13*)  (*25*)  (*82*) |
| SSX-2 | Melanoma  Lung(NSCLC)  CRC  Bladder  Glioma  HNSCC | (*47*)  (*48*)  (*48*)  (*37*)  (*38*)  (*6*) |
| LAGE-1 | Melanoma  Lung(NSCLC)  CRC  Bladder  Glioma  HNSCC | (*83*)  (*29*)  (*84*)  (*21*)  (*17*)  (*6*) |
| MAGE-A4 | Melanoma  Lung(NSCLC)  CRC  Bladder  Glioma  HNSCC  RCC | (*85*)  (*86*)  (*15*)  (*87*)  (*17*)  (*6*)  (*18*) |
| MAGE-A5 | Melanoma  Lung(NSCLC)  CRC  HNSCC | (*13*)  (*88*)  (*15*)  (*89*) |
| MAGE-B2 | Melanoma  Lung(NSCLC)  HNSCC | (*90*)  (*90*)  (*91*) |
| MAGE-B1 | Melanoma  Lung | (*90*)  (*90*) |
| HAGE | Melanoma  Lung(NSCLC)  CRC  Bladder  HNSCC  RCC | (*92*)  (*92*)  (*15*)  (*92*)  (*93*)  (*92*) |
| SSX-1 | Melanoma  Lung(NSCLC)  CRC  Bladder  Glioma  HNSCC | (*47*)  (*48*)  (*48*)  (*37*)  (*76*)  (*30*) |
| NXF2 | Melanoma  Lung(NSCLC)  CRC  Bladder  HNSCC | (*94*)  (*94*)  (*94*)  (*94*)  (*26*) |
| SAGE | Melanoma  Lung(NSCLC)  Bladder  Glioma  HNSCC | (*92*)  (*92*)  (*92*)  (*25*)  (*26*) |
| LEMD1 | CRC  Glioma | (*95*)  (*25*) |
| OY-TES-1 | Lung(NSCLC)  CRC  Bladder | (*96*)  (*96*)  (*96*) |
| LDHC | Melanoma  Lung(NSCLC)  Glioma | (*97*)  (*29*)  (*25*) |

CRC: Colorectal Cancer, HNSCC: Head and Neck Squamous Cell Carcinoma, NSCLC*:* Non-Small Cell Lung Cancer, RCC: Renal Cell Cancer

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