**Table S1.** Antibodies and scFv proteins reactive with RYK used in this study.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Antibody or scFv** | **Antigen** | **Isotype** | **Hosta** | **Epitopeb** | **Reactive with** |
| Anti-RykIC | GST.mRykIC | polyclonal | Rabbit | RykIC | Human, mouse |
| Anti-RYKEC | hRYK.Fc | RykEC |
| RYK1, 2 & 3 | H-RYK-FLAG | IgM | Mouse | Human: RTIYD216 |
| 1B4 | IgG |
| 1G8 |
| 5E3 |
| 6G1 |
| scFv3 | hRYKWD.Fc | N/A | Human naïve synthetic scFv phage display library | RYK WIF domain |
| scFvN3 |
| RWD1 (scFv3-derivative) | IgG1κ (fully human) | HEK293T, CHO |
| 1. Organism specified when immunization performed; cell line specified when used for recombinant MAb production.
2. Peptide sequence specified where known; otherwise, the relevant region or domain is identified.

GST, glutathione-*S*-transferase, IC, intracellular region; EC, extracellular region; m, mouse; h or H, human. |